

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

C Number:	C89029
Lock Date:	09/09/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	01/13/1998

Experiment Number: 89029-06
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL 2-NCL			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,12]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 2	TRT#: 1 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-002
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 677
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Esophagus
* Harderian Gland	* Heart	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Epididymis	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Preputial Gland	* Prostate	* Stomach, Glandular	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung			
Note: TGL 2-NCL			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 4	TRT#: 1 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-004
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Mild Mild
* Liver	Hepatocyte	Clear Cell Focus Vacuolization Cytoplasmic	Multiple, Mild Minimal
[Clear Cell Focus TGLS = 2-6]			
* Lung	[Alveolar/Bronchiolar Carcinoma TGLS = 3-11]	Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 1-8a,12]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-004

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pineal Gland	Tooth		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-11]		
* Preputial Gland		Cyst	Mild
	Note: Only one preputial gland available for evaluation.		
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,12]		
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 1-6]		
* Thymus		Atrophy	Marked
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-005

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 3-NST

PRIMARY CAUSE OF DEATH

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Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Capsule	Hyperplasia Lymphoma Malignant	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver		Lymphoma Malignant	
Note: Liver mass not attached to liver but arising in mesentery.			
	[Lymphoma Malignant TGLS = 7-11]		
Lymph Node	Lumbar	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-12]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-5]		
* Preputial Gland	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1,2-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-006

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus [Lymphoma Malignant TGLS = 8-3]	Lymphoma Malignant
* Thyroid Gland	Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 7	TRT#: 1 DOSE: SHAM CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 715 HISTO: 94-5117-007
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6, 2-12, 4-11]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,13]			
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Testes		Atrophy	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 715
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-007

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Carcass, Thin, Observed at Trim, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 8	TRT#: 1 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-008
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Minimal
* Liver		Hemangiosarcoma Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hemangiosarcoma TGLS = 3-6; 4-12]		
	[Hepatocellular Adenoma TGLS = 6-13RT]		
* Preputial Gland	Bilateral	Cyst	Mild
Note: TGL 1-NCL			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 5-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-008

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 9 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Jejunum [Carcinoma TGLS = 1-4]		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric [Infiltration Cellular TGLS = 2-5]		Infiltration Cellular	Mixed Cell, Moderate
* Preputial Gland		Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Epithelium	Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-11, 2-6]			
* Lung			
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 582

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland
* Pituitary Gland			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hemangiosarcoma	
		Necrosis	Moderate
[Hemangiosarcoma TGLS = 2-6]			
* Lymph Node, Mandibular		Atrophy	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11]			
* Preputial Gland	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 582

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-012

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration Infiltration Cellular	Minimal Lymphocyte, Mild
* Liver	Bilateral, Cortex Bile Duct	Mineralization Cyst Hepatocellular Adenoma Mixed Cell Focus	Minimal Moderate Mild
	[Cyst TGLS = 3-12] [Hepatocellular Adenoma TGLS = 2-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-013

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]

* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Degeneration	Focal, Moderate
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-12]		
* Preputial Gland	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Mild
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-014

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Mild Focal, Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Congestion Cyst Degeneration Infiltration Cellular Mineralization	Mild Minimal Mild Lymphocyte, Minimal Minimal
[Congestion TGLS = 2-8]			
* Preputial Gland		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Congestion	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
			[Infiltration Cellular TGLS = 2-5]
* Preputial Gland	Bilateral	Cyst	Mild
			Note: TGL 1-NCL
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Bone	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 1-11, 2-12]		
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Mast Cell Tumor Benign	
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-6]		
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Seminal Vesicle		Cyst	Mild
Skel Muscle			
Note: TGL 3-NCL			
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-019

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1-6]		
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
	[Hepatoblastoma TGLS = 3-11]		
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-12, 2-8a]		
* Spleen	Lymph Follic	Hyperplasia	Mild
* Testes		Atrophy	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-021

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla Bilateral, Cortex	Infiltration Cellular Mineralization	Lymphocyte, Minimal Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
Lymph Node	Lumbar	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-2]			
* Pancreas			
Note: Gross lesion described in pancreas is necrotic fat in a fibrous capsule.			
* Preputial Gland		Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-022

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Prostate	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Necrosis	Moderate
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 718
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-023

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Carcass, Thin, TGL 2-NST

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 24 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Minimal Lymphocyte, Mild Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery [Inflammation TGLS = 1-11, 2-12]	Fat	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-025

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 26 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-026

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 716

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	Peripheral Nerve	* Pituitary Gland	* Prostate
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
	Zona Glomer	Hyperplasia	Focal, Moderate
* Bone Marrow	Erythroid Cell	Atrophy	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Parathyroid Gland		Infiltration Cellular	Mixed Cell, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Atrophy	Marked
[Atrophy TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 716
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-027

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

Animal Note: Tooth abnormalities

Animal Note: Carcass, Thin, Noted at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 617
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Moderate
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth deformity in Maxilla; possibly caused animal to starve to death.

Animal Note: Carcass, Thin, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Gallbladder	Epithelium	Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Mild
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 2-5]			
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-029

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 30 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Coagulating Gland	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Note: Only one gland available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Mild
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 2-8a,11]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-030

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
Tissue NOS	Abdominal, Fat	Necrosis	Moderate
[Necrosis TGLS = 4-2]			
Tooth			
Note: TGL 5-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

Animal Note: Lesion 4 identified grossly as Pancreas is microscopically identified as occurring in Tissue NOS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 31 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Prostate	* Salivary Glands
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Thymus
Tooth			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
Note: TGL 4-NCL			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-11]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Inflammation	Minimal
* Seminal Vesicle		Cyst	Mild
		Inflammation	Marked
[Cyst TGLS = 1-11]			
[Inflammation TGLS = 1-8a,11; 2-8a]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-031

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Inflammation TGLS = 3-11]		Inflammation	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular Tooth Note: TGL 6-NST	Epithelium	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

Animal Note: Carcass, Thin, Noted at Trim, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 32 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 579
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone * Heart * Lung

MISSING

* Blood Vessel * Esophagus * Mammary Gland * Parathyroid Gland
* Pineal Gland * Pituitary Gland * Prostate * Seminal Vesicle
* Trachea

AUTO PRECLUDES DIAG.

* Adrenal Cortex * Adrenal Medulla * Bone Marrow * Epididymis
* Gallbladder * Harderian Gland * Intestine Large, Cecum * Intestine Large, Colon
* Intestine Large, Rectum * Intestine Small, Duodenum * Intestine Small, Ileum * Intestine Small, Jejunum
* Islets, Pancreatic * Kidney * Lymph Node, Mandibular * Lymph Node, Mesenteric
* Nose * Pancreas * Salivary Glands * Skin
* Spleen * Stomach, Forestomach * Stomach, Glandular * Testes
* Thymus * Thyroid Gland * Urinary Bladder

OBSERVATIONS

* Brain Thalamus Mineralization Minimal
* Kidney
 Note: TGL 3-NCL
* Liver Hepatocellular Carcinoma
 [Hepatocellular Carcinoma TGLS = 1-11, 2-12]
* Preputial Gland Bilateral Cyst Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	Moderate Multiple Moderate
	[Clear Cell Focus TGLS = 3-12RT]		
	[Hepatocellular Adenoma TGLS = 2-6; 3-12RT]		
	[Mixed Cell Focus TGLS = 3-12RT]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-033

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 34 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLS = 3-3]		
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Moderate
		Inflammation	Mild
	[Atrophy TGLS = 1-8a]		
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-034

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8a,11]

* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked

Tooth

Note: TGL 5-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 35 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Prostate
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Preputial Gland	* Thymus
Tooth			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Vacuolization Cytoplasmic	Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-2]			
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Pancreas	Acinus	Atrophy	Mild
Note: TGL 2-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-035

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 3-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Vacuolization Cytoplasmic	Mild Moderate
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Multiple, Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Clear Cell Focus TGLS = 1-6]		
	[Hepatocellular Adenoma TGLS = 2-6, 3-11]		
	[Mixed Cell Focus TGLS = 4-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-036

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle

Cyst

Moderate

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[Clear Cell Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-037

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Heart		Hemangiosarcoma	Metastatic (Spleen)
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-11]		
	[Hepatocellular Carcinoma TGLS = 2-6, 3,4-11]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-038

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Cyst	Minimal
* Spleen	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 39 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver	Hepatocyte	Clear Cell Focus Vacuolization Cytoplasmic	Minimal Mild
	[Vacuolization Cytoplasmic TGLS = 2-6,11]		
* Preputial Gland		Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8A,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-039

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 40 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 715
DOSE: SHAM CONTROL **DISP:** Moribund Sacrifice **HISTO:** 94-5117-040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	Peripheral Nerve
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
Note: TGL 2-NCL			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-040

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Minimal

Tissue NOS

Alveolar/Bronchiolar Carcinoma

Metastatic (Lung)

Note: Alv Bron Carcinoma metastasized to Thoracic Cavity.

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 579

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex Bilateral, Cortex	Cyst Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Minimal
Note: TGL 3-NCL			
* Lym Node Mand			
Note: TGL 1-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Duct	Cyst	Mild
* Preputial Gland	Bilateral	Cyst	Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stom Gland			
	Note: TGL 2-NCL		
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-042

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Prostate	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Bone

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal present for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hemangiosarcoma	
		Hepatoblastoma	
		[Hemangiosarcoma TGLS = 5-11]	
		[Hepatoblastoma TGLS = 4-6]	
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Minimal
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 3-5]	
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-043

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	- Liver	Hepatoblastoma	
CONTRIBUTORY CAUSE OF DEATH	- Heart	Hemangiosarcoma	Liver;Liver Hemangiosarcoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Heart	Artery	Inflammation	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Arteriole	Inflammation	Moderate
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-7.1RC]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-5]		
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 4-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 44	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-044

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
Tooth			
Note: TGL 2-NST			
* Urinary Bladder	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Inflammation involving several arteries is consistent with periarteritis nodosa .

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 45 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Inflammation	Moderate
	[Inflammation TGLS = 1-8a]		
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
Tooth			
Note: TGL 2-NST			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-045

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,12]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-046

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
Note: TGL 2-NCL			
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	[Hemangiosarcoma TGLS = 3-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Bilateral	Atrophy	Mild
		Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-048

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: Cavities, Abdominal, Fluid, Approximately 3cc, Dark, Red, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Medulla	Mineralization	Moderate
* Liver		Necrosis	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-049

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 51 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 497
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Kidney	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum	* Stomach, Glandular
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
Note: TGL 3-NCL [Cyst TGLS = 1-11,12]			
* Thymus		Atrophy	Marked
* Urin Bladder			
Note: TGL-2 NCL			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 520

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Dilatation Infiltration Cellular	Mild Lymphocyte, Minimal
[Dilatation TGLS = 1-8]			
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Carcinoma Necrosis Vacuolization Cytoplasmic	Mild Mild Mild Mild Mild
[Eosinophilic Focus TGLS = 5-13RT]	Hepatocyte		
[Hepatocellular Carcinoma TGLS = 5-13RT]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Mild
* Stom Gland			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 52	TRT#: 11	SEX: Male	DAY ON TEST: 520
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-052

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 3,4-NCL

* Thymus	Atrophy	Marked
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PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 603

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Carcinoma TGLS = 2-6]		
	[Vacuolization Cytoplasmic TGLS = 3-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 603

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-053

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 717

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
		Infarct	Focal, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-12]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Lipomatosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 54	TRT#: 11	SEX: Male	DAY ON TEST: 717
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-054

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Cavity, Abdominal, Fluid, Dark Red, TGL 1-NST

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Mild Minimal
* Harderian Gland		Hyperplasia	Mild
* Islets, Pancreatic		Cyst	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Metaplasia Mineralization	Minimal Osseous, Focal, Mild Minimal
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 6-13RT,4-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Preputial Gland	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 5-8a,12]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
Note: TGL 1-NCL			
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-055

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Note: TGL 3-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

Animal Note: Lesion 2 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 2-8a]		
* Thymus		Atrophy	Mild
Tooth			

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-056

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 705

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pineal Gland	* Pituitary Gland
* Prostate	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
Coagulating Gland		Cyst	Moderate
[Cyst TGLS = 3-12]			
* Harderian Gland			
Note: Only one Harderian Gland available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 57	TRT#: 11	SEX: Male	DAY ON TEST: 705
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-057

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]			
* Salivary Glands		Atrophy	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

Animal Note: Tooth abnormalities

Animal Note: Carcass, Thin, Observed at Trim, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Focal, Mild
* Epididymis		Granuloma Sperm	Mild
		Spermatocele	Mild
	[Granuloma Sperm TGLS = 1-8a]		
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Mixed Cell Focus	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Mixed Cell Focus TGLS = 4-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 59	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-059

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Bilateral	Inflammation	Mild
* Salivary Glands	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Infiltration Cellular	Lymphocyte, Mild
Note: TGL 3-NCL		Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata Thalamus	Hyperplasia Hypertrophy Mineralization Infiltration Cellular Hyperplasia Degeneration	Mild Focal, Minimal Minimal Lymphocyte, Mild Moderate Minimal
* Brain		Infiltration Cellular	Lymphocyte, Minimal
* Epididymis		Hyperplasia	Lymphocyte, Minimal
* Islets, Pancreatic		Degeneration	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Cortex Bilateral, Cortex	Infiltration Cellular Infiltration Cellular Mineralization Eosinophilic Focus	Lymphocyte, Minimal Lymphocyte, Minimal Mild Minimal
* Liver		Infiltration Cellular	Histiocyte, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Inflammation	Moderate
* Preputial Gland			
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia Infiltration Cellular	Mild Lymphocyte, Mild
* Salivary Glands		Cyst	Moderate
* Seminal Vesicle		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 60	TRT#: 11	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-060

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Moderate
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PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 61 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Artery, Bilateral	Inflammation	Moderate
	Bilateral, Capsule	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
	Artery	Inflammation	Moderate
Mesentery		Infiltration Cellular	Histiocyte, Mild
	Artery	Inflammation	Moderate
* Pancreas	Duct	Cyst	Moderate
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 61

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-061

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Inflammation in several arteries consistent with polyarteritis nodosum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 62

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL			
* Liver		Eosinophilic Focus	Minimal
Lymph Node		Inflammation	Focal, Moderate
[Inflammation TGLS = 1-12]			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Atrophy	Mild
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 62	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-062

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Bilateral	Inflammation	Minimal
	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Mammary Mass is microscopically identified as occ urring in Lymph Node (NOS).

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 63 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata Bilateral, Capsule	Hypertrophy Mineralization	Focal, Minimal Mild
* Bone Marrow		Hyperplasia	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Minimal Mild Lymphocyte, Minimal Mild
* Liver	Bile Duct	Cyst Hepatocellular Adenoma Infiltration Cellular	Moderate Mixed Cell, Focal, Minimal
	[Cyst TGLS = 4-12] [Hepatocellular Adenoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 63	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-063

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]		
[Inflammation TGLS = 1-8a]		
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Cyst	Moderate
[Cyst TGLS = 2-8a]		
* Thymus	Atrophy	Mild
Tooth		
Note: TGL 5-NST		

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 64

TRT#: 11

SEX: Male

DAY ON TEST: 684

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	Peripheral Nerve
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland		Atrophy	Mild
		Cyst	Moderate
Note: Only one preputial gland available for evaluation.			
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 1-6]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 64

TRT#: 11

SEX: Male

DAY ON TEST: 684

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-064

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 65

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 65

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-065

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 66

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Degeneration Infiltration Cellular	Minimal Lymphocyte, Mild
* Liver		Eosinophilic Focus	Multiple, Mild
* Lung	Alveolus	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 66	TRT#: 11	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-066

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild
		Hyperplasia	Lymphoid, Minimal
Tooth			
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 67

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Fascult Capsule Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Focal, Mild Mild Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration Hydronephrosis Lymphoma Malignant	Minimal Minimal
* Liver	Bilateral, Cortex	Mineralization Hepatocellular Adenoma Infiltration Cellular	Minimal Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 3-13RT]		
* Lung		Alveolar/Bronchiolar Adenoma Lymphoma Malignant	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-11]		
Lymph Node	Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia Lymphoma Malignant	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 67	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-067

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-8a,12]		
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 68

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Infiltration Cellular Mineralization	Mild Minimal Lymphocyte, Mild Lymphocyte, Mild Mild
* Liver		Eosinophilic Focus Infiltration Cellular	Mild Mixed Cell, Focal, Mild
	[Eosinophilic Focus TGLS = 5-13RT]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 4-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 68	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-068

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-12]

* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Mild

Note: TGL 2-NCL

[Cyst TGLS = 1-8a,11]

* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 69

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 2-8a,11]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 69

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-069

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 70

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Multiple, Moderate
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 4-13]		
	[Hepatocellular Adenoma TGLS = 2,3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 70	TRT#: 11	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-070

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hemangiosarcoma	
* Testes			
Note: TGL 6-NCL			
* Thymus		Atrophy	Moderate
		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 71

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Mild Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 71

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-071

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 72

TRT#: 11

SEX: Male

DAY ON TEST: 691

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Glandular			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Blood Vessel	Adventitia, Aorta	Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland	Bilateral	Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
Note: Tissue identified as Mesenteric LN is necrotic fat.			
[Necrosis TGLS = 5-5]			
* Pancreas		Lymphoma Malignant	
* Pineal Gland		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 72	TRT#: 11	SEX: Male	DAY ON TEST: 691
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-072

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8a.1]		Cyst	Mild
* Seminal Vesicle [Cyst TGLS = 3-8a,11]	Bilateral	Cyst	Moderate
* Spleen [Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 4-3]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 73

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLS = 2-3]		
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration	Mild
* Liver		Mineralization	Minimal
		Clear Cell Focus	Minimal
	Hepatocyte	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-6, 4-11]	Vacuolization Cytoplasmic	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-5]		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 73	TRT#: 11	SEX: Male	DAY ON TEST: 734
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-073

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Cyst	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 74 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Lung		Alveolar/Bronchiolar Adenoma Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Minimal Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 74

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-074

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 75

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Int Sm Duoden			
Note: TGL 1-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2,3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 75	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-075

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Adenoma	
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 76

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Mild Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]		
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Minimal Minimal
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 77

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Adenoma Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration Infiltration Cellular	Minimal Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Moderate
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
Tooth			
Note: TGL 1-NST			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 77

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-077

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:44
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 78

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Metaplasia Mineralization	Mild Osseous, Focal, Mild Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 78

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-078

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 79

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Nose	* Parathyroid Gland
* Pineal Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone			
Note: Maxilla, Deformity, Right Orbital Socket, TGL 9-NST			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Moderate
	Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Mineralization	Minimal
[Degeneration TGLS = 5-8]			
[Dilatation TGLS = 4-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 7-12]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 79	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-079

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
Note: Only one preputial gland available for evaluation.			
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 6-8a,11]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
Tooth			
Note: TGL 1,2-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Carcass, Thin, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 80

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Hepatocellular Carcinoma TGLS = 2,3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5]		
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 80

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-080

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 81 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 646
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Mineralization	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 5-6]		
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Inflammation	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 3-8a,11]		
* Spleen	Lymph Follic	Atrophy	Moderate
	[Atrophy TGLS = 1-6]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 81

TRT#: 11

SEX: Male

DAY ON TEST: 646

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-081

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder

Note: TGL 2-NCL

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 82 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 83 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus	Tooth
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver			
Note: TGL 2-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Minimal
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 83

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-083

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 84

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 84	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-084

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 85 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland * Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Minimal
		Eosinophilic Focus	Mild
Note: TGL 3-NCL [Clear Cell Focus TGLS = 2-11]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Atrophy	Minimal
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 85

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-085

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 86 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 534
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Nose	* Pancreas	* Pineal Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Blood Vessel	* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Heart		Carcinoma	Metastatic (Kidney)
* Islets, Pancreatic		Carcinoma	
		Hyperplasia	Mild
* Kidney	Bilateral	Carcinoma	
	[Carcinoma TGLS = 3-8]		
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-11,12]		
* Lung		Carcinoma	Metastatic (Kidney)
	[Carcinoma TGLS = 2-7]		
* Thymus		Atrophy	Moderate
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH - Lung Carcinoma Kidney

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 87

TRT#: 11

SEX: Male

DAY ON TEST: 684

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Intestine Large, Colon	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Epididymis		Granuloma Sperm	Moderate
* Heart	Artery	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Minimal
	Note: Only one preputial gland available for evaluation.		
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
	[Atrophy TGLS = 1-6]		
* Testes		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 87	TRT#: 11	SEX: Male	DAY ON TEST: 684
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-087

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 88

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Inflammation	Focal, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Sarcoma	Metastatic (Uncertain Primary Site)
	[Sarcoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 88

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-088

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 89	TRT#: 11 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-089
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Moderate
[Cyst TGLS = 2-8a]			
[Inflammation TGLS = 2-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 3-8a]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
Tooth			
Note: TGL 1-NST			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 89

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-089

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 90

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus	Tooth
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Spermatocoele	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 90

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-090

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 91

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 91	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-091

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 92	TRT#: 11 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-092
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Liver	* Lung	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
Note: TGL 3-NCL [Lymphoma Malignant TGLS = 4-12]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
		Lymphoma Malignant	
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 92	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-092

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Tunic	Mineralization	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 93

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Adenoma Cyst Degeneration Infiltration Cellular Mineralization	Minimal Mild Lymphocyte, Mild Mild
[Adenoma TGLS = 6-16] [Degeneration TGLS = 7-8]			
* Liver		Clear Cell Focus Hepatocellular Adenoma	Multiple, Mild
[Hepatocellular Adenoma TGLS = 4-14, 5-15]			
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-12] [Alveolar/Bronchiolar Carcinoma TGLS = 1-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 93	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-093

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 3-8a,13]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 94

TRT#: 11

SEX: Male

DAY ON TEST: 683

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule Zona Fascult Thalamus	Degeneration Hyperplasia Hypertrophy Mineralization Infiltration Cellular Hyperplasia	Fatty, Mild Mild Focal, Minimal Mild Lymphocyte, Minimal
* Brain		Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Minimal Mild Lymphocyte, Minimal Mild
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 3-11]	Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland	Bilateral Bilateral Bilateral	Atrophy Cyst Inflammation	Mild Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal

Note: TGL 1-NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 94	TRT#: 11	SEX: Male	DAY ON TEST: 683
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-094

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 95

TRT#: 11

SEX: Male

DAY ON TEST: 386

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Inflammation	Focal, Moderate
	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Inflammation	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Heart Atrium Thrombosis

CONTRIBUTORY CAUSE OF DEATH

- Heart Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 96

TRT#: 11

SEX: Male

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal gland available for evaluation.			
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2,3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Minimal
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 96	TRT#: 11	SEX: Male	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-096

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 97

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Mild Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Infiltration Cellular	Mild Lymphocyte, Mild
* Liver	Bilateral, Cortex	Mineralization Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Mild Multiple, Mild Mild
	[Clear Cell Focus TGLS = 3-6]		
	[Eosinophilic Focus TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-13]		
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 97	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-097

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,12]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 98

TRT#: 11

SEX: Male

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Hyperplasia	Mild Focal, Minimal Mild
* Bone Marrow		Mineralization	Mild
* Brain	Thalamus	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland	Bilateral	Hyperplasia	Mild
* Islets, Pancreatic		Degeneration	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Mineralization Hepatocellular Adenoma Histiocytic Sarcoma	Minimal Minimal Mixed Cell, Focal, Mild
* Liver		Infiltration Cellular Thrombosis Histiocytic Sarcoma	Minimal
* Lung	Arteriole		
Lymph Node [Histiocytic Sarcoma TGLS = 1-11]		Histiocytic Sarcoma	
* Lymph Node, Mesenteric [Histiocytic Sarcoma TGLS = 3-5]		Histiocytic Sarcoma	
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 98	TRT#: 11	SEX: Male	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-098

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8a] [Inflammation TGLS = 2-8a]	Bilateral	Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 99	TRT#: 11 DOSE: SHAM CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-099
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 100 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 734
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral	Lymphoma Malignant	
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11]		
	[Lymphoma Malignant TGLS = 3-13]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 100

TRT#: 11

SEX: Male

DAY ON TEST: 734

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-100

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 101	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal present for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Small, Duodenum	Muscularis	Inflammation	Moderate
* Intestine Small, Ileum		Inflammation	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Preputial Gland	Bilateral	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 101	TRT#: 3 DOSE: 0.02 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-101
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ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Basophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Basophilic Focus TGLS = 2-12RT]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8A,11]		
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-102

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Liver	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pineal Gland	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-2]			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral	Hydronephrosis	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
[Degeneration TGLS = 1-8]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-12]			
* Lymph Node, Mandibular		Hyperplasia	Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 103	TRT#: 3	SEX: Male	DAY ON TEST: 719
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-103

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Cyst	Mild
		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Seminal Vesicle	Bilateral	Inflammation	Marked
[Inflammation TGLS = 4-11]			
* Skin		Inflammation	Moderate
[Inflammation TGLS = 6-13]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
Tissue NOS		Inflammation	Acute, Marked
[Inflammation TGLS = 6-13,14]			
* Urin Bladder			
Note: TGL 3-NCL			

PRIMARY CAUSE OF DEATH	- Seminal Vesicle Bilateral Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	Multiple, Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma Infiltration Cellular Infiltration Cellular	Histiocyte, Moderate Lymphocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Mild Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 104	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-104

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Inflammation Cyst	Minimal Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 624

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Stomach, Glandular			

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3,5-6; 4-11]			
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 105	TRT#: 3	SEX: Male	DAY ON TEST: 624
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-105

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 605

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Prostate
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-11]			
* Testes	Bilateral	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
	Bilateral, Zona Fasciata	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
		Infarct	Focal, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
	[Eosinophilic Focus TGLS = 3-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Spleen			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-107

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 108 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Thymus		Atrophy Hyperplasia	Minimal Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-109

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Lymph Follic

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 110 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Epididymis			
Note: Only one epididymis available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Minimal Moderate
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follicle	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-110

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 111 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Heart		Hemangiosarcoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Minimal
		Eosinophilic Focus	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Mild Focal, Mild Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Minimal Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Minimal Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-112

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule Cortex Medulla	Cyst Degeneration Infiltration Cellular Infiltration Cellular	Mild Minimal Lymphocyte, Minimal Lymphocyte, Mild
* Liver		Clear Cell Focus	Multiple, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 113	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-113

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Focal, Minimal
Tooth		Cyst	Minimal
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Lymphocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Atrophy Cyst	Moderate Mild
	Note: TGL 1-NCL [Atrophy TGLS = 2-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 3-11, 4-8a]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-114

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Cyst

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 115 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder	Epithelium	Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Minimal
		Hemangiosarcoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hemangiosarcoma TGLS = 2-6]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 115	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-115

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Adrenal Cortex * Adrenal Medulla

OBSERVATIONS

* Brain	Thalamus	Mineralization	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-7]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
[Lymphoma Malignant TGLS = 3-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Duct	Cyst	Moderate
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-116

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL

[Cyst TGLS = 1-8a,11]

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 400

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Stomach, Glandular			

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	

[Hemangiosarcoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
Tooth			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy Inflammation	Mild Moderate Granulomatous, Marked
* Epididymis		Inflammation	Granulomatous, Mild
* Gallbladder		Hyperplasia	Moderate
* Islets, Pancreatic		Degeneration	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Mineralization Inflammation Necrosis	Mild Granulomatous, Moderate Moderate
* Liver			
[Inflammation TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Mild
* Seminal Vesicle		Carcinoma	
		Cyst	Moderate
[Carcinoma TGLS = 2-8a]			
[Cyst TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 118	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-118

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Serosa	Inflammation	Mild
Tooth			
Note: TGL 4-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Heart		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 4-12RT]		
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	Moderate
	[Hepatocellular Carcinoma TGLS = 3-6]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Marked
	Bilateral	Cyst	Moderate
		Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 119	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-119

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 2-8a]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 3-11RT]			
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Lymphocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
Note: TGL 1-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-120

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Infiltration Cellular	Minimal Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma Infiltration Cellular	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular Lipomatosis	Lymphocyte, Mild Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-121

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Moderate
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Inflammation	Mild
	Bilateral, Cortex	Mineralization	Minimal
[Degeneration TGLS = 5-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
Note: TGL 8-NCL			
[Alveolar/Bronchiolar Adenoma TGLS = 9-7.1RC]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one preputial gland available for evaluation.			
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
Note: TGL 3-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 122	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-122

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-11]			
* Spleen	Red Pulp	Atrophy	Mild
[Atrophy TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Marked
Tooth			
Note: TGL 6,7-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 461

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mesenteric	* Mammary Gland
* Pineal Gland	* Prostate	* Thymus	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Stomach, Glandular		

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Int Lg Rectum			
Note: TGL 5-NST			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney			
Note: TGL-1 NCL			
* Liver		Necrosis	Moderate
[Necrosis TGLS = 6-6]			
* Lung		Inflammation	Focal, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach		Sarcoma	
[Sarcoma TGLS = 3-13]			
Tissue NOS	Pelvic	Sarcoma	
[Sarcoma TGLS = 8-11; 9-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 461

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-123

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Sarcoma

CONTRIBUTORY CAUSE OF DEATH - Liver Necrosis

Animal Note: Due to recording error on Individual Animal Necropsy Record, there is no TGL 4 o r 7.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Glomer Zona Fascult	Hyperplasia Hypertrophy	Focal, Mild Focal, Moderate
* Bone Marrow		Hyperplasia Myelofibrosis	Minimal Mild
* Brain	Thalamus	Mineralization	Mild
* Int Sm Duoden Note: TGL 3-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Mild
* Liver [Hepatocellular Adenoma TGLS = 4,5-6]		Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 6-7]		Alveolar/Bronchiolar Carcinoma Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 124	TRT#: 3 DOSE: 0.02 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-124
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 560

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Adenoma	
* Intestine Large, Cecum		Inflammation	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Mineralization	Mild
	[Dilatation TGLS = 4-8]		
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
* Prostate			
	Note: NO CORRELATING LESION FOR TGL 6-8A.		
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 3-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Marked
* Urin Bladder			
	Note: TGL 2-NCL; TGL 5-NST		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 560

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-125

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Minimal
[Cyst TGLS = 2-8]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Atrophy Cyst	Moderate Moderate
Note: Only one preputial gland available for examination.			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Marked

Tooth

Note: TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-126

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
[Adenoma TGLS = 2-8]			
* Liver		Eosinophilic Focus	Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 1-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 127	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-127

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 128

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma Vacuolization Cytoplasmic	Mild
Note: TGL 3-NCL [Hepatocellular Adenoma TGLS = 2-12]			
* Lymph Node, Mesenteric Mesentery	Fat	Infiltration Cellular Necrosis	Histiocyte, Minimal Moderate
[Necrosis TGLS = 1-11]			
* Preputial Gland	Bilateral	Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 128

TRT#: 3
DOSE: 0.02 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-128

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymph Follic	Hyperplasia Cyst Hyperplasia	Moderate Focal, Mild Lymphoid, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 129 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Mild Lymphocyte, Mild Mild
* Liver		Basophilic Focus	Moderate
* Lung	Alveolus [Alveolar/Bronchiolar Carcinoma TGLS = 2-7]	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Moderate Mild
	[Cyst TGLS = 1-8a] [Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 129	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-129

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 4-8a,11]	Bilateral	Cyst	Moderate
* Spleen [Hyperplasia TGLS = 3-6]	Lymph Follic	Hyperplasia	Marked
* Testes		Atrophy	Mild
* Thymus		Atrophy	Mild
		Cyst	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal available for evaluation.			
* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-11, 2-8a]			
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-130

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth	
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fascult	Hypertrophy	Minimal
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Moderate
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 7-11]			
[Hepatocellular Adenoma TGLS = 5-6, 6-11]			
Lymph Node		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-3]			
* Lymph Node, Mesenteric		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 131	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-131

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Histiocyte, Mild
		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 2-8a,11]		
* Spleen		Lymphoma Malignant	
* Thymus		Atrophy	Mild
Tooth			
Note: TGL 3-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

Animal Note: Lesion 4 identified grossly as Adrenal Gland is microscopically identified as occurring in Lymph Node (NOS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 132

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Mild Focal, Mild Focal, Minimal
* Bone Marrow		Atrophy	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Marked
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Mild Mild
	[Cyst TGLS = 3-8]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-5]		
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 132	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-132

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NCL			
* Thyroid Gland	Follicle	Cyst	Minimal
Tooth			
Note: TGL 4-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle		Cyst	Minimal
	[Cyst TGLS = 1-11]		
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 134

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland	Tooth
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Zona Reticul	Degeneration	Fatty, Mild
	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Heart	Artery	Mineralization	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-7]			
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 134	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-134

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Vacuolization Cytoplasmic	Minimal
	Bilateral	Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1,2-8a]			
* Seminal Vesicle		Cyst	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
Tooth			
Note: TGL 3-NST			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pineal Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Focal, Mild
* Heart		Hyperplasia	Moderate
* Islets, Pancreatic		Mesothelioma Malignant	
* Kidney	Bilateral, Cortex	Hyperplasia	Mild
Note: TGL 3-NCL		Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Mesothelioma Malignant TGLS = 1-7]		Mesothelioma Malignant	
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

CONTRIBUTORY CAUSE OF DEATH - Lung Mesothelioma Malignant

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 136

TRT#: 3

SEX: Male

DAY ON TEST: 660

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-7]			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 136	TRT#: 3	SEX: Male	DAY ON TEST: 660
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-136

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]	Hematopoietic Cell Proliferation	Marked
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 137

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Atrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]			
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy Hyperplasia	Minimal Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 137

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-137

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 138

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Mild Focal, Moderate
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule Cortex Bilateral, Cortex, Renal Tubule Medulla Artery Bilateral, Cortex	Adenoma Cyst Degeneration Infiltration Cellular Inflammation Mineralization	Moderate Mild Lymphocyte, Minimal Mild Mild
[Adenoma TGLS = 3-8.1RC] [Cyst TGLS = 4-8.1RC]			
* Liver	Hepatocyte	Clear Cell Focus Vacuolization Cytoplasmic	Multiple, Moderate Minimal
Note: TGL 5,6-NCL [Clear Cell Focus TGLS = 7-12RT]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Mesentery	Fat	Inflammation	Moderate
* Pancreas		Lipomatosis	Mild
* Preputial Gland		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 138	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-138

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral	Cyst Inflammation	Mild Marked
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 139	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Minimal
		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Multiple, Moderate
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 2-6]			
* Pancreas		Lipomatosis	Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
[Cyst TGLS = 1-8a]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 139	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-139

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
		Infarct	Focal, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 140

TRT#: 3
DOSE: 0.02 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-140

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Cyst Hyperplasia	Focal, Minimal Lymphoid, Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal available for evaluation.			
* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	Marked
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-13RT]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 2-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 141	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-141

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	-		
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Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 142 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Note: Tooth abnormalities			
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Testes		Adenoma	
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 142	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-142

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 143

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Angiectasis	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Inflammation	Moderate
	Cortex	Metaplasia	Osseous, Focal, Mild
[Inflammation TGLS = 2-8]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-11RT]			
[Hepatocellular Carcinoma TGLS = 1-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Pancreas		Lipomatosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 143	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-143

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Pancreas	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
Note: TGL 1-NCL			
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Oral Mucosa		Squamous Cell Carcinoma	
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked
* Prostate	Epithelium	Hyperplasia	Minimal
* Sem Ves			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-144

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL

* Spleen
* Stomach, Glandular

Lymph Follic

Atrophy
Inflammation

Mild
Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	Peripheral Nerve
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Prostate	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Capsule	Carcinoma Hyperplasia	Metastatic (Intestine Small, Duodenum) Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Carcinoma	Metastatic (Intestine Small, Duodenum)
* Gallbladder		Carcinoma	Metastatic (Intestine Small, Duodenum)
* Intestine Small, Duodenum [Carcinoma TGLS = 5-13]		Carcinoma	
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Infiltration Cellular	Mild Mild Lymphocyte, Mild
* Liver [Carcinoma TGLS = 4-6; 7-17RT] [Necrosis TGLS = 7-17RT]		Carcinoma Necrosis	Metastatic (Intestine Small, Duodenum) Moderate
* Lung	Arteriole	Thrombosis	Moderate
* Lymph Node, Mesenteric [Carcinoma TGLS = 6-11]		Carcinoma	Metastatic (Intestine Small, Duodenum)
Mesentery [Carcinoma TGLS = 3-12]		Carcinoma	Metastatic (Intestine Small, Duodenum)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 145	TRT#: 3	SEX: Male	DAY ON TEST: 725
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-145

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas Perph Nerve Note: Sciatic Nerve is Normal		Carcinoma	Metastatic (Intestine Small, Duodenum)
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst Inflammation	Marked Moderate Mild
[Cyst TGLS = 2-8a] [Inflammation TGLS = 2-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin [Ulcer TGLS = 1-14]		Ulcer	Focal, Marked
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Marked

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Carcinoma

Animal Note: Lesion 3 identified grossly as Caudal Lymph Node is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Lipomatosis	Moderate
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
		Inflammation	Moderate
[Atrophy TGLS = 1-8a]			
* Seminal Vesicle		Cyst	Moderate
Note: TGL 3-NCL			
[Cyst TGLS = 2-11]			
* Spleen	Red Pulp	Atrophy	Mild
[Atrophy TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 146	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-146

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Testes		Mineralization	Minimal
* Thymus		Atrophy	Marked
Tooth			
Note: TGL 5,6-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Granuloma Sperm	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Testes		Atrophy	Moderate
* Thymus		Cyst	Focal, Moderate
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-147

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	Tissue NOS	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 2-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver	Centrilobular, Sinusoid	Dilatation	Mild
		Necrosis	Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Mild

Note: Only one preputial gland available for evaluation.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 148	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-148

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
Tissue NOS			
Note: TGL 1-NCL			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, Observed, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 3-5]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
[Clear Cell Focus TGLS = 4-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-149

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Granuloma Sperm	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Focal, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]		
	[Hyperplasia TGLS = 2-7.1RC]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 150	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-150

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 151

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex Bilateral, Cortex	Infiltration Cellular Mineralization	Lymphocyte, Mild Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Pancreas		Lipomatosis	Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 152 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Preputial Gland		Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 153

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Nose
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	Tooth		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hyperplasia	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Heart	Arteriole	Inflammation	Moderate
* Intestine Small, Jejunum	Peyers Patch	Carcinoma	
		Hyperplasia	Minimal
	[Carcinoma TGLS = 3-11]		
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Infiltration Cellular	Mixed Cell, Focal, Mild
	Artery, Bilateral	Inflammation	Moderate
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Artery	Inflammation	Moderate
	Fat	Inflammation	Moderate
	[Inflammation TGLS = 2-2]		
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 153	TRT#: 13	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-153

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 5-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
Tooth			
Note: TGL 1-NST			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Inflammation of several arteries is consistent with a diagnosis of polyarteritis nodosum.

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 155

TRT#: 13

SEX: Male

DAY ON TEST: 629

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Int Sm Jejunum			
Note: TGL 4-NCL			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
[Hypertrophy TGLS = 5-5]			
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
[Infiltration Cellular TGLS = 3-5]		Plasma Cell Tumor Malignant	
[Plasma Cell Tumor Malignant TGLS = 3-5]			
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Marked
	Bilateral	Inflammation	Minimal
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 155	TRT#: 13	SEX: Male	DAY ON TEST: 629
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-155

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Inflammation	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 156

TRT#: 13

SEX: Male

DAY ON TEST: 612

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-13RT]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 156

TRT#: 13

SEX: Male

DAY ON TEST: 612

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-156

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

Animal Note: Tooth abnormality

Animal Note: Carcass, Thin, Observed at Trim, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 157

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular	Mild Minimal Lymphocyte, Mild
* Liver		Mineralization Clear Cell Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal
	[Hepatocellular Adenoma TGLS = 3-13RT]		
Lymph Node		Plasma Cell Tumor Malignant	
Note: Involves Axillary Lymph Node			
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Minimal Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 157	TRT#: 13	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-157

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Moderate Marked
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 158 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex	Cyst Mineralization	Moderate Minimal
[Cyst TGLS = 5-11]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric Mesentery	Fat	Infiltration Cellular Necrosis	Histiocyte, Mild Moderate
[Necrosis TGLS = 4-13]			
* Preputial Gland	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,12]			
* Spleen	Lymph Follicle	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 158

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-158

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst

Focal, Mild

* Urin Bladder

Note: TGL 3-NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 159

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
Tooth			

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 160

TRT#: 13

SEX: Male

DAY ON TEST: 722

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pineal Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
	Zona Glomer	Hyperplasia	Focal, Moderate
	Bilateral, Zona Fascult	Hypertrophy	Focal, Mild
* Brain		Hydrocephalus	Mild
	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-2.1RC]			
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 7-15RT]		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-12]		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 160

TRT#: 13

SEX: Male

DAY ON TEST: 722

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-160

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 6-11]	Fat	Infiltration Cellular Necrosis	Histiocyte, Mild Mild
Perph Nerve Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
[Cyst TGLS = 1-8a] [Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Atrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,13]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Mild
[Atrophy TGLS = 3-6]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 161

TRT#: 13

SEX: Male

DAY ON TEST: 703

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	Peripheral Nerve	* Pineal Gland
* Prostate	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Histiocytic Sarcoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 1-NCL			
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
		Infiltration Cellular	Mixed Cell, Focal, Moderate
[Hepatocellular Adenoma TGLS = 4-13RT]			
[Infiltration Cellular TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 161	TRT#: 13	SEX: Male	DAY ON TEST: 703
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-161

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
* Thymus		Atrophy	Marked
Tissue NOS		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Epididymis Histiocytic Sarcoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 162

TRT#: 13

SEX: Male

DAY ON TEST: 562

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral	Hyperplasia Lymphoma Malignant	Mild
[Lymphoma Malignant TGLS = 4-3]			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Lymphoma Malignant	
* Epididymis	Bilateral	Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal Lumbar	Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-12]			
[Lymphoma Malignant TGLS = 9-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 162	TRT#: 13	SEX: Male	DAY ON TEST: 562
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-162

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 10-5]			
* Pineal Gland		Lymphoma Malignant	
* Preputial Gland	Bilateral	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8a]			
* Prostate		Lymphoma Malignant	
* Seminal Vesicle	Bilateral	Cyst	Moderate
		Lymphoma Malignant	
[Cyst TGLS = 7-8a,11]			
[Lymphoma Malignant TGLS = 8-8a]			
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
Note: TGL 6-NCL			
[Lymphoma Malignant TGLS = 5-6]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 163 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Moderate
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Minimal Mild Mild
* Liver		Hepatoblastoma	
[Hepatoblastoma TGLS = 3-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Marked
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
Note: TGL 2-NCL [Cyst TGLS = 4-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 163

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-163

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 164	TRT#: 13	SEX: Male	DAY ON TEST: 618
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-164

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 4-6]			
[Atrophy TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Urin Bladder			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 165

TRT#: 13

SEX: Male

DAY ON TEST: 589

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Cyst TGLS = 1-8a]		
	[Infiltration Cellular TGLS = 1-8a]		
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 2-8a]		
* Spleen			
Note: TGL 3-NCL			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 166

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Hyperplasia Hyperplasia	Minimal Focal, Mild Mild Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular Eosinophilic Focus Hepatocellular Adenoma Vacuolization Cytoplasmic	Lymphocyte, Minimal Mild Minimal
* Liver	Hepatocyte		
	[Eosinophilic Focus TGLS = 2-11]		
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Pancreas	Acinus	Hypertrophy Vacuolization Cytoplasmic	Focal, Mild Minimal
* Preputial Gland		Atrophy	Moderate
* Prostate	Bilateral Epithelium	Cyst Hyperplasia	Moderate Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 166

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-166

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thyroid Gland

Follicle

Cyst

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 167

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule	Cyst Degeneration Infarct	Mild Mild Focal, Minimal
* Liver	Bilateral, Cortex	Mineralization Hepatocellular Carcinoma	Mild
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral Bilateral Bilateral	Atrophy Cyst Inflammation	Moderate Moderate Mild
	[Cyst TGLS = 1-8a] [Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia Infiltration Cellular	Mild Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 167

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-167

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

* Thymus

Cyst

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 168

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder * Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 169

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
	Cerebrum	Vacuolization Cytoplasmic	Focal, Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Rectum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
	[Hepatoblastoma TGLS = 4-11]		
	[Hepatocellular Adenoma TGLS = 2,3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-2]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 169	TRT#: 13	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-169

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 170 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 709
DOSE: 0.02 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Mammary Gland	* Preputial Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Atrophy	Moderate
[Atrophy TGLS = 9-8a]			
* Intestine Small, Duodenum		Infiltration Cellular	Histiocyte, Mild
* Intestine Small, Ileum	Serosa	Inflammation	Mild
* Islets, Pancreatic		Hemangiosarcoma	Metastatic (Mesentery)
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex, Renal Tubule	Pigmentation	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-6]			
* Lung		Hemangiosarcoma	Metastatic (Mesentery)
Lymph Node	Lumbar	Hemangiosarcoma	Metastatic (Mesentery)
[Hemangiosarcoma TGLS = 7-12]			
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Hemangiosarcoma	
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 170	TRT#: 13	SEX: Male	DAY ON TEST: 709
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-170

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 1-11]			
* Nose	Sinus	Inflammation	Moderate
Peripheral Nerve	Sciatic	Degeneration	Mild
* Prostate		Atrophy	Moderate
* Seminal Vesicle		Hemangiosarcoma	Metastatic (Mesentery)
[Hemangiosarcoma TGLS = 2-8a,13]			
Skeletal Muscle		Hemangiosarcoma	Metastatic (Mesentery)
Note: Hemangiosarcoma involves Diaphragm; Skeletal Muscle is Normal			
[Hemangiosarcoma TGLS = 5-6]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Glandular	Serosa	Hemangiosarcoma	Metastatic (Mesentery)
* Testes	Bilateral	Atrophy	Moderate
[Atrophy TGLS = 8-8]			
* Urinary Bladder		Inflammation	Moderate
[Inflammation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Carcass, Thin, Found at Trim, TGL 10-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 171 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: TGL 6-NST			
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Eye	Cornea	Inflammation	Mild
[Inflammation TGLS = 4-11]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-2]			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-11]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 171	TRT#: 13	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-171

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-8a]

* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 172

TRT#: 13

SEX: Male

DAY ON TEST: 542

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal present for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal present for evaluation.			
Note: TGL 3-NCL			
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas			
Note: TGL 5-NCL			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Seminal Vesicle		Cyst	Mild
[Cyst TGLS = 4-8a]			
* Skin		Schwannoma Benign	
[Schwannoma Benign TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 172

TRT#: 13

SEX: Male

DAY ON TEST: 542

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-172

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 173

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Nose	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver			
Note: TGL 2-NCL			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 173

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-173

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hemangiosarcoma

[Hemangiosarcoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 574

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Intestine Small, Jejunum	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Kidney	* Urinary Bladder		

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Mesothelioma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Mesothelioma Malignant TGLS = 2-7]	Mesothelioma Malignant	
* Preputial Gland	Bilateral	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 574

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-174

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Cavities, Abdominal, Fluid, 7cc, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 175

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Moderate Focal, Moderate Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla Bilateral, Cortex	Infiltration Cellular Mineralization	Lymphocyte, Mild Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma Necrosis	Multiple, Minimal Minimal
	[Clear Cell Focus TGLS = 3,4-6]		
	[Hepatocellular Adenoma TGLS = 6-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Minimal Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 175	TRT#: 13	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-175

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Bilateral Epithelium	Inflammation Hyperplasia	Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 1-6,11]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Urin Bladder			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 176

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 4-12RT]		
* Lung			
	Note: TGL 3-NCL		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 1-11]		
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 176

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-176

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 177

TRT#: 13
DOSE: 0.02 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 474
HISTO: 94-5117-177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Urinary Bladder		

INSUFFICIENT TISSUE

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 178 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 589
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland	* Spleen
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OBSERVATIONS

* Adrenal Cortex Note: TGL 3-NCL	Bilateral, Capsule	Hyperplasia	Minimal
* Brain Note: TGL 9-NCL	Thalamus	Mineralization	Minimal
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney Note: TGL 2-NCL	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver Note: TGL 6-NCL [Hepatocellular Adenoma TGLS = 7-11] [Hepatocholangiocarcinoma TGLS = 8-12]	Hepatocyte	Hepatocellular Adenoma Hepatocholangiocarcinoma Vacuolization Cytoplasmic	Minimal
* Lung Note: TGL 1-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 178	TRT#: 13	SEX: Male	DAY ON TEST: 589
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-178

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle [Cyst TGLS = 5-8a,13]	Bilateral	Cyst	Mild
* Spleen Note: TGL 4-NST			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 179

TRT#: 13
DOSE: 0.02 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Granuloma Sperm	Moderate Minimal Mild
* Epididymis		Inflammation	Focal, Mild
* Heart		Hyperplasia	Minimal
* Islets, Pancreatic		Cyst	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Mild Mild
[Cyst TGLS = 2-13]			
* Liver		Eosinophilic Focus Hepatocellular Adenoma	Moderate
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-11,12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 179

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-179

ORGAN AND ACCOUNTABLE SITE STATUS

Tunic

Mineralization

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 180

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Blood Vessel	* Gallbladder	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-6, 6-15]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-13]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-14, 4-16]		
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-11,12]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 180

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-180

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 181

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric
* Nose	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-11,12]		
* Spleen	Lymph Follic	Hyperplasia	Mild
Tooth			

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 181

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-181

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 182 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Medulla	Cyst Degeneration Infiltration Cellular	Mild Minimal Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-6, 2-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 182

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-182

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Moderate Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Mild Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	Marked
	[Clear Cell Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 1-6]		
* Pancreas		Lipomatosis	Minimal
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-183

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:45
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 184	TRT#: 13	SEX: Male	DAY ON TEST: 588
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Heart
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MISSING

* Brain	* Pineal Gland	* Spleen
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Hepatocellular Carcinoma
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[Hepatocellular Carcinoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate

Note: TGL 4-NCL

[Cyst TGLS = 3-8a,11]

Tooth

Note: TGL 1,2-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-185

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 186

TRT#: 13

SEX: Male

DAY ON TEST: 485

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Eye		Atrophy	Marked
[Atrophy TGLS = 2-11]			
* Harderian Gland		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Skin		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 187

TRT#: 13

SEX: Male

DAY ON TEST: 653

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Blood Vessel	* Intestine Small, Duodenum	* Mammary Gland	* Parathyroid Gland
* Pineal Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland	* Prostate
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex	Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Liver			
Note: TGL 5-NCL			
* Lung		Congestion	Mild
[Congestion TGLS = 2-7]			
* Preputial Gland	Bilateral	Atrophy Cyst	Moderate Moderate
[Cyst TGLS = 1-8a]			
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 4-8a,11]			
* Spleen			
Note: TGL 3-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 187

TRT#: 13

SEX: Male

DAY ON TEST: 653

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-187

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Severe tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 188 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 672
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Mild
	[Cyst TGLS = 1-8a]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Lesion 2 identified grossly as Mesentery is microscopically identified as occurring in the Liver.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 189

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 190

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Minimal
	Cortex	Metaplasia	Osseous, Focal, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Thrombosis	Focal, Moderate
	[Thrombosis TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 191

TRT#: 13
DOSE: 0.02 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 522
HISTO: 94-5117-191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Kidney	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Prostate
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal present for evaluation.			
* Adren Medulla			
Note: Only one adrenal present for evaluation.			
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney			
Note: TGL 6-NCL			
* Liver		Clear Cell Focus	Multiple, Mild
		Hemangiosarcoma	Metastatic (Spleen)
		Necrosis	Mild
[Hemangiosarcoma TGLS = 7-11]			
* Preputial Gland	Bilateral	Cyst	Minimal
	Bilateral	Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 191	TRT#: 13	SEX: Male	DAY ON TEST: 522
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-191

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 4,5-6]		
[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Testes		
Note: TGL 1,2-NCL		
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 192

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Fascult Capsule	Hyperplasia Hyperplasia	Focal, Mild Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst Inflammation	Moderate Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
Tooth			

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 192

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-192

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 193

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Liver		Eosinophilic Focus	Mild
* Lung	Alveolus [Alveolar/Bronchiolar Carcinoma TGLS = 1-7]	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Marked Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 194

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland	Bilateral	Adenoma Infiltration Cellular	Lymphocyte, Mild
[Adenoma TGLS = 2-2]			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Mild
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Minimal
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 194

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-194

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 195

TRT#: 13

SEX: Male

DAY ON TEST: 665

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Nose	* Pancreas
* Prostate	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pituitary Gland
* Seminal Vesicle	* Thymus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Preputial Gland	Bilateral	Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 196

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Harderian Gland [Adenoma TGLS = 2-2]	Bilateral	Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 1-11]		Cyst	Moderate
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 196

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-196

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 197

TRT#: 13

SEX: Male

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	Oral Mucosa
* Pineal Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia	Minimal Focal, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Lymphocyte, Mild Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Infiltration Cellular	Mild Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Mild Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 197	TRT#: 13	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-197

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Lymph Follicular Epithelium	Hyperplasia	Moderate
* Thymus		Cyst	Focal, Minimal
Tooth		Atrophy	Minimal
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 198 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Mild
* Harderian Gland		Adenoma	
* Kidney	Cortex, Renal Tubule Cortex Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Lymphocyte, Mild Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma	Mild
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-11]		
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 198

TRT#: 13

SEX: Male

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-198

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 199 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Heart	Capillary, Myocardium	Infiltration Cellular	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex Bilateral, Medulla	Degeneration Infiltration Cellular Infiltration Cellular	Minimal Lymphocyte, Minimal Lymphocyte, Mild
* Liver		Hepatocellular Adenoma Mixed Cell Focus	Moderate
Note: TGL 4-NCL [Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-7]			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pancreas		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 199	TRT#: 13	SEX: Male	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-199

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 200	TRT#: 13	SEX: Male	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,1RC]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 201

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Minimal Focal, Moderate
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Mild Lymphocyte, Minimal Minimal
* Liver		Eosinophilic Focus	Marked
[Eosinophilic Focus TGLS = 2-6]			
* Lung	Alveolus	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 6-7]			
[Alveolar/Bronchiolar Carcinoma TGLS = 3,4,5-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst Inflammation	Moderate Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 201

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-201

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle
[Cyst TGLS = 1-8a]

Cyst

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 202

TRT#: 5

SEX: Male

DAY ON TEST: 449

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mast Cell, Mild
* Lymph Node, Mandibular			
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 203

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
		[Eosinophilic Focus TGLS = 4-6]	
		[Hepatocellular Adenoma TGLS = 3-6]	
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Mild
		[Cyst TGLS = 1-8a]	
		[Inflammation TGLS = 1-8a]	
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 203	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-203
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 2-8a]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 204

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
	Zona Fasciata	Hyperplasia	Focal, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 3,4-NCL			
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 2-NCL			
[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 204

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-204

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 205

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Duct	Cyst	Marked
		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 205

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-205

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 206

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Focal, Minimal
* Epididymis		Spermatocele	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Mineralization	Minimal
		Eosinophilic Focus	Multiple, Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Moderate
* Preputial Gland	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 207

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Heart	Myocardium	Necrosis	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL 3-NCL			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 207

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-207

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 208

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
	Zona Fasciata	Hypertrophy	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder	Epithelium	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 3-NCL			
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 208

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-208

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Vacuolization Cytoplasmic	Mild
	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Testes		Atrophy	Moderate
		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 209 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Congestion	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 209

TRT#: 5
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-209

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 210

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
	[Cyst TGLS = 4-8]		
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 7-6]		
	[Hepatocellular Adenoma TGLS = 5-11; 6-6]		
* Lung			
	Note: TGL 8-NCL		
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 210	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-210
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ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 3-5]			
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 211 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 734
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen			
	Note: TGL 2-NCL		
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 211

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-211

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 212

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Lipomatosis	Mild
* Parathyroid Gland		Cyst	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 213

TRT#: 5

SEX: Male

DAY ON TEST: 636

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Heart	Myocardium	Degeneration	Moderate
	Arteriole	Inflammation	Focal, Mild
		Mineralization	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Cyst	Mild
	Cortex, Renal Tubule	Dilatation	Mild
	Bilateral	Hydronephrosis	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 4-11, 5-6]		
	[Necrosis TGLS = 5-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Note: TGL 8-NCL		
	[Hepatocellular Carcinoma TGLS = 6,7-7]		
* Lymph Node, Mandibular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 213	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Natural Death	DAY ON TEST: 636 HISTO: 94-5117-213
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 1-NCL			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Mineralization	Minimal
* Testes			
Note: TGL 3-NCL			
* Urin Bladder			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 214 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Preputial Gland	* Prostate	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 3-6,6.1RE]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 214

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-214

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 215

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis			
Note: TGL 4-NCL			
* Harderian Gland		Adenoma	
		Atrophy	Focal, Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Carcinoma	
* Intestine Small, Jejunum			
[Carcinoma TGLS = 6-4]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 215	TRT#: 5	SEX: Male	DAY ON TEST: 735
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-215

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-8a]

* Prostate	Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves Note: TGL 2-NCL		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Testes Note: TGL 3-NCL		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 216 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Granuloma Sperm	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Minimal

[Cyst TGLS = 1-8a,11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 217

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Minimal Focal, Mild Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
* Prostate	Bilateral	Cyst	Moderate
* Seminal Vesicle	Epithelium Bilateral	Hyperplasia Cyst	Minimal Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen			
Note: TGL 1-NCL			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 217

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-217

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 218

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Moderate Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-12, 5-13, 6-7]		
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Minimal Lymphocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 218

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-218

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 219

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Bilateral, Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 219

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-219

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 220

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Liver
* Lung	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Salivary Glands		Atrophy	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 220

TRT#: 5
DOSE: 2 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 722
HISTO: 94-5117-220

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-8a,11]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 221

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration	Mild
		Metaplasia	Osseous, Focal, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 221

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-221

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 222

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal present for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal present for evaluation.			
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6, 2-11]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 222

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-222

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 223

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Mild
* Bone	Femur	Fibrous Osteodystrophy	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 2-NCL			
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Tunic	Mineralization	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 223

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-223

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 224

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Heart		Inflammation	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Congestion	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Multiple, Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		Pigmentation	Moderate
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 224

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-224

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 225 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Minimal Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
Note: TGL 3-NCL			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]			
[Hepatocellular Carcinoma TGLS = 2-7]			
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 225

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-225

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 226

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Heart		Inflammation	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 2-NCL			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 226

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-226

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]

* Testes

Adenoma

* Thymus

Atrophy

Minimal

Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 227

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5]		
* Pancreas		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 227

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-227

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 228

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Prostate
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Minimal
Coagulat GI Note: TGL 3-NCL			
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 4-NCL			
Lymph Node [Lymphoma Malignant TGLS = 5-3]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-5]		Lymphoma Malignant	
* Pancreas	Acinus	Hypertrophy	Focal, Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 228	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-228
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 2-8a,11]	Bilateral	Cyst	Moderate
* Spleen [Lymphoma Malignant TGLS = 1-6]		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Minimal
		Cyst	Focal, Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 229

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Thymus	Tooth		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Moderate
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL [Degeneration TGLS = 2-8]			
* Liver		Eosinophilic Focus	Multiple, Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland			
Note: TGL 4-NST			
* Preputial Gland		Cyst	Mild
* Seminal Vesicle		Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 229	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-229

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-11]

* Spleen	Hematopoietic Cell Proliferation	Minimal
Tooth		
Note: TGL 5-NST		
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 230

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
Coagulating Gland [Cyst TGLS = 1-11]		Cyst	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 231

TRT#: 5

SEX: Male

DAY ON TEST: 549

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Medulla	Inflammation	Mild
	Bilateral, Cortex	Mineralization	Moderate
Note: TGL 4,5-NCL			
* Liver		Eosinophilic Focus	Mild
Note: TGL 7-NCL			
* Lung		Congestion	Mild
[Congestion TGLS = 1-7]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Preputial Gland	Bilateral	Inflammation	Mild
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 231

TRT#: 5

SEX: Male

DAY ON TEST: 549

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-231

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 6-6]

* Urin Bladder

Note: TGL 3-NCL

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 232

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: TGL 7-NCL			
Note: Only one adrenal available for examination.			
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Carcinoma	Metastatic (Islets, Pancreatic)
* Islets, Pancreatic		Carcinoma	
		Hyperplasia	Minimal
[Carcinoma TGLS = 10-5]			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
	Bilateral, Cortex, Renal Tubule	Pigmentation	Mild
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 8-6, 9-11]			
* Lung		Carcinoma	Metastatic (Islets, Pancreatic)
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Islets, Pancreatic)
		Infiltration Cellular	Histiocyte, Mild
[Carcinoma TGLS = 11-12]			
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 232	TRT#: 5	SEX: Male	DAY ON TEST: 735
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-232

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 2,3,4-11]			
* Pancreas		Lipomatosis	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Islets, Pancreatic)
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Thymus		Atrophy	Marked
Note: TGL 5-NCL			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 10 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Islets Pancreas.

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 233

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 1-NCL			
* Stomach, Glandular		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 233

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-233

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 234	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Natural Death	DAY ON TEST: 701 HISTO: 94-5117-234
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Nose	* Pancreas	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone	Femur	Hemangiosarcoma	Metastatic (Liver)
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 6-11]		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Metaplasia	Osseous, Focal, Moderate
* Liver Note: TGL 8-NCL [Hemangiosarcoma TGLS = 9-6]		Hemangiosarcoma	
* Lung Note: TGL 1-NCL		Alveolar/Bronchiolar Adenoma	
Lymph Node [Lymphoma Malignant TGLS = 3-8]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 7-5]		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland [Adenoma TGLS = 10-3]	Pars Distalis	Adenoma	
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 234	TRT#: 5	SEX: Male	DAY ON TEST: 701
	DOSE: 2 GAUSS	DISP: Natural Death	HISTO: 94-5117-234

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Atrophy	Marked
[Atrophy TGLS = 11-8a,14]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
[Erosion TGLS = 12-12]			
* Testes		Adenoma	
Note: Only one testicle; lesion identified as TGL 3 is actually a lymph node containing Malignant Lymphoma			
[Adenoma TGLS = 4-8]			
* Urin Bladder		Mineralization	Mild
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 235

TRT#: 5

SEX: Male

DAY ON TEST: 430

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart	Epicardium	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12, 2-11]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: Cavities, Thoracic, Mass, 3x2x1mm, Multiple/White, TGL 1-12

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 236

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Moderate
	[Eosinophilic Focus TGLS = 1-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 237

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-11]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Minimal
		Inflammation	Moderate
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 237

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-237

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

* Sem Ves

Note: TGL 2-NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 238

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Nose	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
Lymph Node	Inguinal	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
Note: TGL 2-NCL			
* Skin		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 238

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-238

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 239

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Hemangiosarcoma	
	Fat	Inflammation	Mild
[Hemangiosarcoma TGLS = 3-13]			
[Inflammation TGLS = 2-12]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 239	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-239
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 3 identified grossly as Iliac Lymph Node is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 240

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Minimal
		Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 241

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Mild
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 241	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-241
ORGAN AND ACCOUNTABLE SITE STATUS			
		Hyperplasia	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 242 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 527
DOSE: 2 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Epididymis	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Prostate	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney [Dilatation TGLS = 3-8]	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-6]		Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 243

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Metaplasia Mineralization	Minimal Lymphocyte, Mild Osseous, Focal, Minimal Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Minimal Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 244

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Mild
* Liver	[Hepatocellular Adenoma TGLS = 1-6]	Hepatocellular Adenoma	
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
		Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 245

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Note: Femur is Normal [Inflammation TGLS = 1-13]	Vertebra	Inflammation	Marked
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 5-11]		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Metaplasia Mineralization	Mild Lymphocyte, Minimal Osseous, Focal, Mild Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose		Inflammation	Moderate
* Pituitary Gland			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 245	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-245

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 6-NCL			
* Preputial Gland	Bilateral	Atrophy Cyst Inflammation	Mild Moderate Mild
Note: TGL 2-NCL			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 3-8a,12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 246

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Marked
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 2-11]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 246	TRT#: 5 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-246
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 1-8a,12]	Bilateral	Cyst	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 247

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Mild
		Cyst	Focal, Minimal
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 247

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-247

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 248

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fascult	Hypertrophy	Focal, Mild
Note: Only one adrenal available for evaluation.			
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Mild
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 4-6,11]			
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 248

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-248

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]

[Inflammation TGLS = 1-8a]

* Salivary Glands

* Seminal Vesicle

Infiltration Cellular

Cyst

Lymphocyte, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavities, Oral, Focus, Oral Cavities/Pallet, TGL 3-NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 249

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Kidney	Bilateral, Cortex Bilateral, Medulla Bilateral, Cortex	Infiltration Cellular Infiltration Cellular Mineralization	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 249

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-249

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 250 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 717
DOSE: 2 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Salivary Glands	* Seminal Vesicle	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: Cavities, Fluid, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 251

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata Bilateral, Capsule	Degeneration Hyperplasia Infiltration Cellular	Focal, Mild Moderate Lymphocyte, Minimal
* Epididymis		Adenoma	
* Harderian Gland		Inflammation	Focal, Minimal
* Heart		Hyperplasia	Marked
* Islets, Pancreatic		Cyst	Mild
* Kidney	Cortex Cortex, Renal Tubule Bilateral Cortex Bilateral, Cortex	Degeneration Hydronephrosis Infiltration Cellular Mineralization	Moderate Moderate Lymphocyte, Moderate Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Moderate Mild
[Cyst TGLS = 1-8a] [Inflammation TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 2-8a,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 251	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-251
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Lymph Follic	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 252

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule	Cyst Degeneration	Marked Mild
[Cyst TGLS = 1-8]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 253

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex Note: Only one adrenal present for evaluation.	Capsule	Hyperplasia	Mild
* Adrenal Medulla Note: Only one adrenal present for evaluation.		Pheochromocytoma Benign	
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
		Spermatocele	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-11, 2-6]		Hepatocellular Carcinoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 253

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-253

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 254

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Liver	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Moderate Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland			
Note: Only one available for evaluation.			
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 1-11]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Metaplasia	Osseous, Focal, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland		Atrophy	Minimal
		Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 254

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-254

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 255

TRT#: 15

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Preputial Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Marked
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Clear Cell Focus TGLS = 4-6]		
	[Hepatocellular Adenoma TGLS = 2-6]		
	[Hepatocellular Carcinoma TGLS = 3-11]		
* Lung		Congestion	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 255	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-255
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia Infiltration Cellular	Mild Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle [Cyst TGLS = 1-8a,12]	Bilateral	Cyst	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 256

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Degeneration Infiltration Cellular	Mild Lymphocyte, Mild
* Lung	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]	Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst Inflammation	Mild Moderate Mild
	[Cyst TGLS = 1-8a] [Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 256

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-256

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 257

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 2-NCL			
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 257

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-257

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 258

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Marked
	Zona Fasciata	Hyperplasia	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 259

TRT#: 15

SEX: Male

DAY ON TEST: 590

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	Metastatic (Skin)
* Brain	Meninges	Sarcoma	
[Sarcoma TGLS = 7-1]			
* Epididymis		Hemangiosarcoma	Metastatic (Skin)
* Harderian Gland		Adenoma	
[Adenoma TGLS = 8-2]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL			
* Liver		Hemangiosarcoma	Metastatic (Skin)
		Hepatocellular Adenoma	
Note: TGL 4-NCL			
[Hemangiosarcoma TGLS = 5-11, 6-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pineal Gland			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 259

TRT#: 15

SEX: Male

DAY ON TEST: 590

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-259

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Obliterated by tumor

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-5]			
* Spleen		Hemangiosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma Skin

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 260 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		Necrosis	Marked
		[Hepatocellular Adenoma TGLS = 2-6, 4-12, 5-6, 6-13]	
		[Necrosis TGLS = 3-11]	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Minimal
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 260	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-260
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-14]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 261 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Clear Cell Focus	Multiple, Mild
	Hepatocyte	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 262

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland	* Thymus
Tooth			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule	Cyst Degeneration	Mild Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Mineralization Hepatocellular Adenoma	Mild
[Hepatocellular Adenoma TGLS = 4-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 262

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-262

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Note: TGL 3-NCL

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 263

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple, Moderate Minimal Multiple, Moderate
[Clear Cell Focus TGLS = 3-11]			
[Eosinophilic Focus TGLS = 5-6]			
[Hepatocellular Adenoma TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 263	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-263
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Moderate
* Seminal Vesicle [Cyst TGLS = 1-8a,13]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 264

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal available for evaluation.			
* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Mild
[Atrophy TGLS = 1-8a]			
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 3-NCL			
[Cyst TGLS = 2-8a,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 264

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-264

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 265

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 640
HISTO: 94-5117-265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Mild
* Bone Marrow		Atrophy	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Mild
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Seminal Vesicle		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 265	TRT#: 15	SEX: Male	DAY ON TEST: 640
	DOSE: 2 GAUSS	DISP: Natural Death	HISTO: 94-5117-265

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 2-6]			
[Atrophy TGLS = 2-6]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
Animal Note: Tooth abnormalities			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 266

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Moderate
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 266

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-266

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 267

TRT#: 15

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 268

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Multiple, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Clear Cell Focus TGLS = 2,3-6]		
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 268

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-268

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 269

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 2-11]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 270

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 585
HISTO: 94-5117-270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Gallbladder		Congestion	Moderate
[Congestion TGLS = 3-6]			
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Marked
* Kidney	Cortex, Renal Tubule	Dilatation	Mild
		Hydronephrosis	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1,2-6]			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 270	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Natural Death	DAY ON TEST: 585 HISTO: 94-5117-270
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Hematopoietic Cell Proliferation Cyst	Marked Moderate
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PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 271

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular Tooth	* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Moderate
		Inflammation	Mild
Note: Only one preputial gland available for evaluation.			
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 271	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-271
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-11,12] [Inflammation TGLS = 2-12]		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
Tooth			
Note: TGL 3-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 272

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone	Cartilage, Epiphysis, Femur	Cyst	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Jejunum		Inflammation	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-11, 4-12]		
* Lymph Node, Mesenteric		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-14]		
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
	Note: TGL 1-NCL		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 272	TRT#: 15	SEX: Male	DAY ON TEST: 734
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-272

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 273

TRT#: 15

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver	Hepatocyte	Clear Cell Focus Eosinophilic Focus Hepatoblastoma Vacuolization Cytoplasmic	Multiple, Mild Mild Mild
	[Clear Cell Focus TGLS = 1-12] [Hepatoblastoma TGLS = 2-13]		
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 3-11]	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis Vacuolization Cytoplasmic	Minimal Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Minimal Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 273

TRT#: 15

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-273

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 4-14]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Minimal
		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 274

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 4-4]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocellular Carcinoma TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 274

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-274

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 3-11]

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 275

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 1,2-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 276

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Natural Death

DAY ON TEST: 585
HISTO: 94-5117-276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Heart	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Bone	Cartilage, Epiphysis, Femur	Cyst	Multiple, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Kidney	Bilateral, Cortex, Renal Tubule	Pigmentation	Moderate
* Liver		Necrosis	Moderate
Note: TGL 2-NCL			
Note: Liver contains neoplasm; unable to diagnose due to extensive autolysis.			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-11, 5-12]			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Spleen			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 276

TRT#: 15

SEX: Male

DAY ON TEST: 585

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-276

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 277 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 623
DOSE: 2 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Skin	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
Note: TGL 2-NCL			
[Hepatocellular Carcinoma TGLS = 3-6]			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 278

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Infarct	Focal, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Mild
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 3-11]		
	[Hepatocellular Adenoma TGLS = 2-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,13]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 279

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Minimal Lymphocyte, Mild Mild
* Liver	[Hepatocellular Adenoma TGLS = 3-11]	Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Mild Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,12]		
* Spleen	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 279	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-279
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular Tissue NOS Tooth Note: TGL 1-NST	Epithelium Fat, Thoracic	Cyst Hemangioma	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 280

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
* Urinary Bladder		Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 280

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-280

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 281

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Mild
	[Hepatocellular Adenoma TGLS = 1-11]		
	[Mixed Cell Focus TGLS = 2-12RT]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
* Spleen	Lymph Follicle	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 281

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-281

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Epithelium

Atrophy

Mild

* Thymus

Cyst

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 282	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-282
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 283

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Minimal
Note: Only one preputial gland available for evaluation.			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
Note: TGL 2-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 283

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-283

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Cyst TGLS = 1-11]		Cyst	Marked
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation Hyperplasia	Minimal Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 284

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Mild Mild
* Liver		Clear Cell Focus Eosinophilic Focus	Mild Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Inflammation Lipomatosis	Moderate Mild
* Preputial Gland		Atrophy Cyst	Mild Moderate
[Cyst TGLS = 1-8a]	Bilateral		
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 284	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-284
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 2-8a,11]	Bilateral	Cyst	Mild
* Thymus		Atrophy Cyst	Moderate Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 285

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Mixed Cell, Focal, Mild Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Mild Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Thymus		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 285

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-285

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 286

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Minimal
* Liver		Hepatocellular Carcinoma Infiltration Cellular Necrosis	Mixed Cell, Focal, Minimal Moderate
	[Hepatocellular Carcinoma TGLS = 4-11] [Necrosis TGLS = 2-13]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Moderate Mixed Cell, Mild
	[Infiltration Cellular TGLS = 3-5]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 286	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-286
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Cyst Inflammation	Moderate Moderate
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 5-8a,12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

Animal Note: Lesion 2 identified grossly as Mesentery is microscopically identified as occurring in the Liver.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 287

TRT#: 15

SEX: Male

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Fascult	Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 288

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Granuloma Sperm	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Moderate
	[Clear Cell Focus TGLS = 2-12]		
	[Eosinophilic Focus TGLS = 2-12]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Artery	Inflammation	Moderate
	Fat	Inflammation	Mild
	[Inflammation TGLS = 1-11]		
* Pancreas		Vacuolization Cytoplasmic	Moderate
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 288	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-288
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 289

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Mild
* Bone			
Note: Cranium is Normal, TGL 2-NCL			
* Heart		Inflammation	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 289

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-289

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 290

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Moderate
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Minimal
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 1-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Minimal Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Minimal
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follicle	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 290

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-290

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 291 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 734
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 291

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-291

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 292 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 562
DOSE: 2 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	Spinal Cord	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Heart		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 10-4]			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral	Infarct	Focal, Moderate
	Bilateral, Cortex	Mineralization	Mild
	Bilateral	Rhabdomyosarcoma	Metastatic (Heart)
[Infarct TGLS = 3-8]			
[Rhabdomyosarcoma TGLS = 4-8]			
* Liver		Hepatocellular Adenoma	
		Rhabdomyosarcoma	Metastatic (Heart)
[Rhabdomyosarcoma TGLS = 6-6]			
* Lung		Rhabdomyosarcoma	Metastatic (Heart)
[Rhabdomyosarcoma TGLS = 9-7]			
Lymph Node	Inguinal	Hemorrhage	Mild
	Inguinal	Necrosis	Marked
[Hemorrhage TGLS = 1-5]			
[Necrosis TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 292

TRT#: 15

SEX: Male

DAY ON TEST: 562

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-292

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Rhabdomyosarcoma TGLS = 5-5]		Rhabdomyosarcoma	Metastatic (Heart)
Mesentery		Rhabdomyosarcoma	Metastatic (Heart)
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Rhabdomyosarcoma	Metastatic (Heart)
[Rhabdomyosarcoma TGLS = 8-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Necrosis	Moderate
[Necrosis TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Heart Rhabdomyosarcoma

Animal Note: Carcass, Thin, Observed at Trim, TGL 11-NST

Animal Note: Cavities, Thoracic, Fluid, ~1.5ml, Red, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 293

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Epididymis		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Spermatocoele	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
[Degeneration TGLS = 2-8]			
* Liver		Hemangiosarcoma	
Note: TGL 3-NCL			
[Hemangiosarcoma TGLS = 1-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas			
Note: Focus of ectopic spleen in pancreas.			
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
[Cyst TGLS = 4-8a]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 293

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-293

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:46
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 294 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 734
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-6] [Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Intermedia	Adenoma	
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Minimal Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 294	TRT#: 15	SEX: Male	DAY ON TEST: 734
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-294

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 3-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 295

TRT#: 15

SEX: Male

DAY ON TEST: 556

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Glomer	Hyperplasia Hyperplasia Hyperplasia	Mild Focal, Mild Marked
* Islets, Pancreatic		Degeneration	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Mineralization Infiltration Cellular	Mild Histiocyte, Mild
* Lymph Node, Mesenteric		Cytoplasmic Alteration	Moderate
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Moderate Moderate
[Atrophy TGLS = 1-8a]			
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a,12]			
* Spleen	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 295	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 556 HISTO: 94-5117-295
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Diverticulum	Moderate
	Epithelium	Hyperplasia	Minimal
[Diverticulum TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

Animal Note: Tooth abnormality

Animal Note: Carcass, Thin, Observed at Trim, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 296

TRT#: 15

SEX: Male

DAY ON TEST: 654

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	Peripheral Nerve
* Pineal Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Bone	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Metaplasia	Minimal Osseous, Focal, Mild
* Liver	Bilateral, Cortex	Mineralization Eosinophilic Focus	Minimal Mild
[Eosinophilic Focus TGLS = 2-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration Vacuolization Cytoplasmic	Mild Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland		Cyst Inflammation	Moderate Moderate
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Spleen	Red Pulp	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 296

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 654
HISTO: 94-5117-296

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymph Follic

Hyperplasia
Atrophy

Mild
Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 297

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Mild
* Liver			
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst Inflammation	Moderate Moderate Mild
[Cyst TGLS = 1-8a]			
[Inflammation TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 5-8a.1RC,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 297

TRT#: 15

SEX: Male

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-297

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Note: TGL 2-NCL

Tooth

Note: TGL 4-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 298

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Cyst Degeneration Infiltration Cellular Eosinophilic Focus Hepatocellular Adenoma	Minimal Minimal Lymphocyte, Minimal Mild
	[Eosinophilic Focus TGLS = 4-6] [Hepatocellular Adenoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Marked
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 298

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-298

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 299

TRT#: 15
DOSE: 2 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 94-5117-299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fascut	Hypertrophy	Focal, Minimal
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 3-11]			
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
[Inflammation TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 299	TRT#: 15 DOSE: 2 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-299
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Cyst	Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
Tooth		
Note: TGL 2-NST		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 300 **TRT#:** 15 **SEX:** Male **DAY ON TEST:** 734
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-11, 2-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-13]		
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 300

TRT#: 15

SEX: Male

DAY ON TEST: 734

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-300

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 301

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 301

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-301

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 302

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Mineralization	Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 302

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-302

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 303

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Degeneration	Focal, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Testes		Hemorrhage	Focal, Moderate
	[Hemorrhage TGLS = 3-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 303

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-303

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
Tooth		
Note: TGL 2-NST		

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 304

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Heart	Artery	Inflammation	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a]		
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 305 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 714
DOSE: 10 GAUSS INTER. **DISP:** Natural Death **HISTO:** 94-5117-305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Seminal Vesicle	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Moderate
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 306

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Minimal
* Bone	Femur	Hemangiosarcoma	Metastatic (Spleen)
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Brain	Thalamus	Mineralization	Mild
* Heart		Hemangiosarcoma	Metastatic (Spleen)
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
Lymph Node [Hemangiosarcoma TGLS = 1-11]		Hemangiosarcoma	
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Moderate
* Spleen		Hemangiosarcoma Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 307

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
* Seminal Vesicle		Cyst	Mild
Note: TGL 3-NCL			
* Skin		Inflammation	Mild
		Ulcer	Focal, Moderate
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 2-11.1RC]			
* Spleen			
Note: TGL 4-NCL			
* Stomach, Forestomach	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 307	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-307

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

Animal Note: Carcass, Thin, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 308

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pineal Gland
* Pituitary Gland	* Prostate	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
	[Cyst TGLS = 3-8]		
	[Dilatation TGLS = 2-8]		
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 308	TRT#: 7	SEX: Male	DAY ON TEST: 686
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-308

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Marked
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 309

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer Zona Fascult	Hyperplasia Hyperplasia Hypertrophy	Mild Focal, Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Marked
* Prostate	Bilateral Epithelium	Cyst Hyperplasia	Moderate Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 309

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-309

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 310

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Int Sm Duoden			
Note: TGL 3-NCL			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Lymphocyte, Minimal Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-12]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland		Atrophy Cyst Inflammation	Moderate Mild Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 310	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-310

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 311

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-6]			
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-13]			
* Parathyroid Gland		Cyst	Moderate
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 311

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-311

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 312

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Spermatocele	Moderate
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Minimal Lymphocyte, Minimal Mild
* Liver		Eosinophilic Focus	Marked
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 2-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-8a]		
* Seminal Vesicle		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 312

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-312

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 313

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata Bilateral, Zona Fasciata	Hyperplasia Hyperplasia Hypertrophy	Mild Focal, Mild Focal, Moderate
[Hyperplasia TGLS = 4-3]			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver	Hepatocyte	Clear Cell Focus Vacuolization Cytoplasmic	Multiple, Moderate Mild
[Clear Cell Focus TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-11]			
* Lymph Node, Mesenteric		Hemorrhage Infiltration Cellular	Minimal Histiocyte, Mild
* Preputial Gland	Bilateral	Inflammation	Marked
[Inflammation TGLS = 1-8a]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 313	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-313

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-12, 3-8a]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 314

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Harderian Gland	* Heart	* Islets, Pancreatic	* Lung
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Granulocytic	
* Adrenal Medulla		Leukemia Granulocytic	
* Bone Marrow		Necrosis	Marked
* Epididymis		Leukemia Granulocytic	
* Harderian GI			
Note: Only one Harderian Gland available for evaluation.			
* Kidney		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 2-8]		
* Liver		Leukemia Granulocytic	
* Lung			
Note: TGL 1-NCL			
* Lym Node Mesen			
Note: Can not identify in tumor mass.			
Lymph Node	Bronchial	Leukemia Granulocytic	
Mesentery		Leukemia Granulocytic	
	Fat	Necrosis	Marked
	[Leukemia Granulocytic TGLS = 3-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 314

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-314

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-5]

* Pancreas		Leukemia Granulocytic	
		Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Prostate		Leukemia Granulocytic	
* Seminal Vesicle		Leukemia Granulocytic	
* Spleen		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 4-6]		
* Urinary Bladder		Leukemia Granulocytic	

PRIMARY CAUSE OF DEATH

- Mesentery Leukemia Granulocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 315 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 734
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Focal, Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

[Cyst TGLS = 1-8a,11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 315	TRT#: 7 DOSE: 10 GAUSS INTER.	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-315
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Lymph Follic	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 316

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	Tooth
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Infiltration Cellular	Mild Focal, Mild Lymphocyte, Focal, Minimal
* Bone Marrow		Mineralization	Mild
* Brain	Thalamus	Polyp Adenomatous	
* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 3-12]			
* Intestine Small, Ileum	Epithelium	Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular	Mild Minimal Lymphocyte, Minimal
* Liver [Hepatocellular Carcinoma TGLS = 4-13RT]		Mineralization Hepatocellular Carcinoma	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Mild Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 316	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-316

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Bilateral	Inflammation	Mild
[Cyst TGLS = 2-8a,11]	Bilateral	Cyst	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
Tooth			
Note: TGL 1-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 317

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Moderate Focal, Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
Note: TGL 3-NCL [Hepatocellular Adenoma TGLS = 2-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 317

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-317

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Mesentery is microscopically identified as occurring in the Liver.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 318

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain	Cerebellum	Developmental Malformation	Mild
	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one Harderian Gland available for evaluation.			
* Heart	Myocardium	Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-7]			
Lymph Node		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 318	TRT#: 7	SEX: Male	DAY ON TEST: 668
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-318

ORGAN AND ACCOUNTABLE SITE STATUS

* Sem Ves Note: TGL 2-NCL			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
[Atrophy TGLS = 1-6]			
[Atrophy TGLS = 1-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma

Animal Note: Carcass, Thin, Noted at Trim, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 319

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Marked
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Moderate Mild
[Cyst TGLS = 1-8,8a] [Inflammation TGLS = 1-8,8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 320 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 735
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Epididymis		Spermatocele	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Cyst	Moderate
	Note: Only one available for evaluation.		
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 4-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 320	TRT#: 7 DOSE: 10 GAUSS INTER.	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-320
ORGAN AND ACCOUNTABLE SITE STATUS			
	Lymph Follic	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 321

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Epididymis		Spermatocoele	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 2-NCL			
[Cyst TGLS = 1-8a,11]			
* Thymus		Atrophy	Minimal
Tooth			
Note: TGL 3-NST			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 321

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-321

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 322

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 323

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Focal, Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Esophagus			
Note: TGL 1-NCL			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Marked
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 323	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-323

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 324

TRT#: 7

SEX: Male

DAY ON TEST: 553

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Nose	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Stomach, Glandular			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Glomer	Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Mild
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 324

TRT#: 7

SEX: Male

DAY ON TEST: 553

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-324

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: Cavity, Abdominal, FLuid, Red, Black, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 325

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 325

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-325

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 326

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland	
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 326

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-326

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Follic

Hyperplasia

Mild

* Thymus

Atrophy

Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 327

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gl			
Note: Only one of pair available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-6]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 327

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-327

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 328

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Marked
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	Multiple, Mild
	[Clear Cell Focus TGLS = 5-6]		
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lung		Alveolar/Bronchiolar Adenoma Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Inflammation	Marked
	[Inflammation TGLS = 2-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 328

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-328

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-8a,11]

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 329

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatoblastoma	
	[Hepatoblastoma TGLS = 4-6,6.1RE]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 2-8a]		
	[Inflammation TGLS = 2-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 3-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 329

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-329

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 1-NST

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 330

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Moderate
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 330

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-330

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 331

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Nose	* Pineal Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Atrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Spleen			
Note: TGL 2-NCL			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Marked
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 331

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-331

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 332

TRT#: 7

SEX: Male

DAY ON TEST: 620

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Multiple, Moderate
	Centrilobular, Hepatocyte	Hypertrophy	Marked
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gl			
Note: TGL 3-NCL			
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Minimal
Note: Only one preputial gland present for evaluation.			
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 2-8a,11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 332	TRT#: 7	SEX: Male	DAY ON TEST: 620
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-332

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy Pigmentation	Moderate Mild
[Atrophy TGLS = 1-6]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH - Liver Centrilobular Hepatocyte Hypertrophy

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 333

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciut	Hyperplasia	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Mild
	[Hepatocellular Adenoma TGLS = 2-6]		
	[Mixed Cell Focus TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 3-8a,11]		
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 333	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-333

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Hyperplasia Cyst	Lymphoid, Mild Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 334

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pancreas	Peripheral Nerve
* Pineal Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
Skeletal Muscle	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Vacuolization Cytoplasmic	Focal, Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Inflammation	Focal, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-7]		
Lymph Node		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Sinus	Inflammation	Moderate
		Inflammation	Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 334	TRT#: 7 DOSE: 10 GAUSS INTER.	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 605 HISTO: 94-5117-334
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Bilateral	Cyst	Mild
* Skin		Infiltration Cellular	Lymphocyte, Mild
Note: Tail		Sarcoma	
[Sarcoma TGLS = 3-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 335

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
	[Infiltration Cellular TGLS = 3-5]		
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Minimal
	[Cyst TGLS = 2-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 335

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-335

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 336

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Atrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen	Lymph Follic	Atrophy	Minimal
	[Atrophy TGLS = 2-6]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild
Tongue		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 3-12]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 336

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-336

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 337

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Moderate
	Bilateral, Cortex	Mineralization	Minimal
[Degeneration TGLS = 4-12]			
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
[Hepatoblastoma TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 3-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 337

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-337

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

* Urinary Bladder

Hyperplasia

Lymphoid, Minimal

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 338

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	[Cyst TGLS = 3-8]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	Note: TGL 2-NCL		
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 338	TRT#: 7 DOSE: 10 GAUSS INTER.	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-338
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Lymph Follic	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 339

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 3-3]	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver [Eosinophilic Focus TGLS = 4-6]		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 339

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-339

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8a]

* Skin

Note: Skin, Tail, TGL 1-NCL

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 340

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Mild
		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Minimal
	[Clear Cell Focus TGLS = 2-6]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Minimal
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 340	TRT#: 7	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-340

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 341

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
		Fibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-14]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 6-NCL			
[Hepatocellular Adenoma TGLS = 2,4-6; 3-11]			
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 341	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-341

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral	Cyst Inflammation	Mild Mild
* Seminal Vesicle [Cyst TGLS = 1-8a, 7-13]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 5 identified grossly as Eye is identified microscopically as occurring in Harderian Gland.

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 342

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
		Spermatocoele	Minimal
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 4-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
[Cyst TGLS = 5-13]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 342	TRT#: 7	SEX: Male	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-342

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,14]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
Tooth Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 343

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex	Cyst Infiltration Cellular	Mild Lymphocyte, Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma	Mild
	[Clear Cell Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 3-6, 4-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Atrophy Cyst Inflammation	Mild Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 343

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-343

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Hyperplasia

Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 344

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Minimal
	[Clear Cell Focus TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-12]		
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 344

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-344

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 3 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 345 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 734
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	Moderate
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Atrophy	Minimal
		Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 345

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-345

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

* Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 346

TRT#: 7

SEX: Male

DAY ON TEST: 505

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Pancreas	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Prostate	Skeletal Muscle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Mineralization	Mild
	Bilateral, Papilla	Necrosis	Mild
[Dilatation TGLS = 4,5-8]			
* Liver	Hepatocyte	Eosinophilic Focus	Mild
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 3-8a]			
* Urin Bladder			
Note: TGL 1-NCL; TGL 2-NST			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 346

TRT#: 7

SEX: Male

DAY ON TEST: 505

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-346

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 347

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Preputial Gland	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 348

TRT#: 7

SEX: Male

DAY ON TEST: 630

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
Perph Nerve			
Note: Sciatic Nerve is Missing			
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 348

TRT#: 7

SEX: Male

DAY ON TEST: 630

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-348

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 349

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fasciata Thalamus	Hyperplasia Hypertrophy Mineralization	Mild Focal, Mild Mild
* Brain		Hyperplasia	Mild
* Islets, Pancreatic		Degeneration	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Infiltration Cellular Mineralization Infiltration Cellular	Lymphocyte, Mild Minimal Histocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Marked
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 350

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Pineal Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
	[Degeneration TGLS = 2-12]		
* Liver		Eosinophilic Focus	Moderate
	[Eosinophilic Focus TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Nose		Inflammation	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 350

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-350

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 351 **TRT#:** 17 **SEX:** Male **DAY ON TEST:** 734
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphocyte, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Marked
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 351	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-351

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 3-13]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Tunic	Mineralization	Mild
Tooth			
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 352

TRT#: 17

SEX: Male

DAY ON TEST: 722

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Focal, Minimal
* Brain	Thalamus	Hyperplasia	Minimal
* Islets, Pancreatic		Mineralization	Mild
* Kidney	Cortex	Hyperplasia	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Mineralization	Minimal
	[Hepatocellular Carcinoma TGLS = 3-6]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Minimal
	[Cyst TGLS = 2-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Spleen	Red Pulp	Atrophy	Mild
	[Atrophy TGLS = 1-6]	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 352

TRT#: 17

SEX: Male

DAY ON TEST: 722

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-352

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 353

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Infiltration Cellular	Mild Mixed Cell, Focal, Minimal
	[Eosinophilic Focus TGLS = 3-12RT] [Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mandibular		Hyperplasia	Marked
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Minimal Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 353

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-353

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Moderate

* Seminal Vesicle

Bilateral

Cyst

Mild

[Cyst TGLS = 1-11]

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 354

TRT#: 17

SEX: Male

DAY ON TEST: 533

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Mineralization	Mild Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst Inflammation	Moderate Moderate Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Vacuolization Cytoplasmic	Moderate
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 354	TRT#: 17	SEX: Male	DAY ON TEST: 533
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-354

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 3-3.1RC]

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 355

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 355	TRT#: 17	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-355

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 356

TRT#: 17

SEX: Male

DAY ON TEST: 456

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Islets, Pancreatic	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Preputial Gland	Bilateral	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 357

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 357

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-357

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 358

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Carcinoma TGLS = 1-6.1RC]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
		Lipomatosis	Mild
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 358	TRT#: 17	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-358

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Cyst	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 359

TRT#: 17

SEX: Male

DAY ON TEST: 420

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Kidney
* Lymph Node, Mesenteric
* Salivary Glands
* Testes

* Blood Vessel
* Esophagus
* Liver
* Nose
* Seminal Vesicle
* Thyroid Gland

* Bone
* Harderian Gland
* Lung
* Pancreas
* Skin
* Trachea

* Bone Marrow
* Islets, Pancreatic
* Lymph Node, Mandibular
* Prostate
* Stomach, Forestomach

MISSING

* Gallbladder
* Pituitary Gland

* Mammary Gland
* Thymus

* Parathyroid Gland

* Pineal Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum
* Urinary Bladder

* Intestine Large, Colon
* Intestine Small, Jejunum

* Intestine Large, Rectum
* Spleen

* Intestine Small, Duodenum
* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex
* Brain
* Heart

* Preputial Gland

Capsule
Thalamus

Valve
Bilateral

Hyperplasia
Mineralization
Inflammation
Thrombosis
Cyst

Mild
Minimal
Focal, Mild
Moderate
Mild

PRIMARY CAUSE OF DEATH

- Heart Valve Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 360 **TRT#:** 17 **SEX:** Male **DAY ON TEST:** 735
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 360

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-360

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 361

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver	[Hepatocellular Adenoma TGLS = 1,2-6; 3-11]	Hepatocellular Adenoma	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Minimal Mild
* Parathyroid Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Cyst Inflammation	Moderate Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 361

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-361

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 362

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 362

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-362

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 363

TRT#: 17

SEX: Male

DAY ON TEST: 672

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Prostate
* Seminal Vesicle	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Cytoplasmic Alteration	Mild
* Preputial Gland	Bilateral	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Note: TGL 1-NCL		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 363

TRT#: 17

SEX: Male

DAY ON TEST: 672

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-363

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 364 **TRT#:** 17 **SEX:** Male **DAY ON TEST:** 547
DOSE: 10 GAUSS INTER. **DISP:** Natural Death **HISTO:** 94-5117-364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Spermatocoele	Moderate
* Gallbladder			
Note: TGL 2-NST			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-7]			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 364	TRT#: 17	SEX: Male	DAY ON TEST: 547
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-364

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6]

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Testes			

Note: TGL 1-NCL

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 365

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Mild Mild
* Harderian Gland			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Mild
* Liver	[Hepatocellular Adenoma TGLS = 2-6]	Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral Bilateral Bilateral	Atrophy Cyst Inflammation	Mild Mild Mild
* Prostate	Epithelium	Hyperplasia Infiltration Cellular	Minimal Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 365

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-365

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 366

TRT#: 17

SEX: Male

DAY ON TEST: 582

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Prostate	* Spleen
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral	Hyperplasia Mineralization	Mild Mild
* Heart	Valve	Inflammation Thrombosis	Focal, Moderate Moderate
Note: Thrombus involved aortic valve and was septic.			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Glomerulus Bilateral, Cortex Medulla	Inflammation Mineralization Mineralization	Focal, Minimal Mild Mild
* Liver		Clear Cell Focus Necrosis	Mild Minimal
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 366

TRT#: 17

SEX: Male

DAY ON TEST: 582

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-366

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]

PRIMARY CAUSE OF DEATH

- Heart Valve Thrombosis

Animal Note: Animal was septicemic

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 367	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus	Tooth	
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Moderate
		Necrosis	Moderate
	[Eosinophilic Focus TGLS = 4-6]		
	[Necrosis TGLS = 3-11]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 367

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-367

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8a,12]

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 368

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum	Serosa	Fibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Lymph Node, Mesenteric		Hemorrhage Infiltration Cellular	Minimal Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst Inflammation	Mild Mild Mild
* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 3-4]		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 368

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-368

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Tooth

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 369

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis	Bilateral	Infiltration Cellular Spermatocoele	Lymphocyte, Minimal Mild
Eye			
Note: TGL 7-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
Note: TGL 3-NCL			
[Cyst TGLS = 2-8a]			
[Inflammation TGLS = 2-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 369	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-369

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Cyst	Marked
* Spleen			
Note: TGL 6-NCL			
* Thymus		Cyst	Focal, Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
Tooth			
Note: TGL 1-NST			
Urethra		Cyst	Moderate
[Cyst TGLS = 5-12]			
* Urin Bladder			
Note: TGL 4-NCL			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 370

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Mild
		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral	Lymphoma Malignant	
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Eosinophilic Focus TGLS = 4-6]	
		[Hepatocellular Adenoma TGLS = 3-6]	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 370	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-370

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
		Lymphoma Malignant	
[Cyst TGLS = 5-8a]			
[Inflammation TGLS = 5-8a]			
[Lymphoma Malignant TGLS = 5-8a]			
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 371

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Focal, Mild
* Bone Note: TGL 5-NST (MAXILLA)			
* Epididymis	Bilateral	Infiltration Cellular Carcinoma	Lymphocyte, Minimal
* Harderian Gland [Carcinoma TGLS = 4-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Mild
* Liver [Hemangiosarcoma TGLS = 6-6, 7-12, 8-6]		Clear Cell Focus Eosinophilic Focus Hemangiosarcoma	Minimal Mild
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 3-11]	Alveolus	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular Infiltration Cellular	Histiocyte, Moderate Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 371	TRT#: 17	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-371

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Moderate
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 372

TRT#: 17

SEX: Male

DAY ON TEST: 666

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Heart	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Salivary Glands	* Testes		

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal available for evaluation.			
* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Islets, Pancreatic		Adenoma	
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Hepatoblastoma	
[Hepatoblastoma TGLS = 4-6]			
* Lung			
Note: TGL 5-NCL			
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Minimal
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Bilateral	Cyst	Marked
[Cyst TGLS = 1-8A,12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 372	TRT#: 17	SEX: Male	DAY ON TEST: 666
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-372

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Atrophy TGLS = 3-6]	Lymph Follic	Atrophy	Marked
* Thymus		Atrophy	Marked
* Urin Bladder Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 373

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Metaplasia	Osseous, Focal, Minimal
	[Eosinophilic Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 3-13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphocyte, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 373	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-373

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric Mesentery [Necrosis TGLS = 1-12]	Fat	Infiltration Cellular Necrosis	Histiocyte, Mild Moderate
* Prostate * Salivary Glands * Thymus [Lymphoma Malignant TGLS = 5-3]	Epithelium	Hyperplasia Infiltration Cellular Lymphoma Malignant	Minimal Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

Animal Note: Severe tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 374

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2,11; 3-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland		Cyst	Minimal
		Inflammation	Marked
	[Inflammation TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 374

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-374

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 375

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Moderate
	[Eosinophilic Focus TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 375

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-375

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 376

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Testes		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 377

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Harderian Gland	* Heart	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Epididymis	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mesenteric		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Hepatoblastoma	Metastatic (Liver)
	[Hepatoblastoma TGLS = 2-7]	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lymph Node, Mandibular		Atrophy	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Mild
	[Cyst TGLS = 3-8a]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 377	TRT#: 17	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-377

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Testes	Tunic	Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 378

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Moderate
		Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 378

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-378

ORGAN AND ACCOUNTABLE SITE STATUS

Cyst

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 379

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Pituitary Gland	* Prostate	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Medulla Cortex Bilateral, Cortex	Degeneration Infiltration Cellular Metaplasia Mineralization	Minimal Lymphocyte, Minimal Osseous, Focal, Mild Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Mild
[Cyst TGLS = 2-8a]			
[Inflammation TGLS = 2-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 379

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-379

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle

Cyst

Mild

* Skin

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 380

TRT#: 17

SEX: Male

DAY ON TEST: 716

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Prostate	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-6, 4-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
		Inflammation	Mild
	[Cyst TGLS = 2-8a]		
	[Inflammation TGLS = 2-8a]		
* Seminal Vesicle		Cyst	Moderate
	[Cyst TGLS = 1-8a]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 380

TRT#: 17

SEX: Male

DAY ON TEST: 716

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-380

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 381

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Inflammation	Mild
* Int Sm Jejunum			
Note: TGL 3-NCL			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Mild
* Liver			
Note: TGL 2-NCL			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Serosa	Inflammation	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-7]			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 381

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-381

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 382

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Colon	Muscularis	Hypertrophy	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatoblastoma	
	[Hepatoblastoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 4-7]		
Lymph Node	Lumbar	Hyperplasia	Marked
	[Hyperplasia TGLS = 2-11]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-5]		
* Pancreas		Vacuolization Cytoplasmic	Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 382

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-382

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 383

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Mild Lymphocyte, Mild Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Hemorrhage Infiltration Cellular	Mild Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst Inflammation	Minimal Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 383	TRT#: 17	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-383

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 384

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex Note: Only one adrenal available for evaluation.	Zona Fasciata	Hypertrophy	Focal, Mild
* Adrenal Medulla Note: Only one adrenal available for evaluation.		Hyperplasia	Minimal
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 385

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy Adenoma	Mild Focal, Mild
* Harderian Gland [Adenoma TGLS = 4-2]			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Bilateral, Cortex	Degeneration Metaplasia Mineralization	Mild Osseous, Focal, Mild Minimal
* Liver Note: TGL 1,2-NCL			
* Lung Note: TGL 3-NCL	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst Inflammation	Mild Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
* Stomach, Forestomach		Inflammation	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 385

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-385

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 386

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Cortex Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Infiltration Cellular Mineralization	Mild Lymphocyte, Minimal Lymphocyte, Minimal Mild
* Liver			
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Inflammation	Minimal
Note: TGL 1-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 387

TRT#: 17

SEX: Male

DAY ON TEST: 666

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex, Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-6]	
		[Hepatocellular Adenoma TGLS = 4-12RT]	
* Lung	Arteriole	Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 387

TRT#: 17

SEX: Male

DAY ON TEST: 666

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-387

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]

[Inflammation TGLS = 1-8a]

* Prostate	Epithelium	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: Cavities, Abdominal, Fluid, 1ML, Red, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 388

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
	[Eosinophilic Focus TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 389

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Cyst Degeneration Infiltration Cellular Mineralization	Mild Minimal Lymphocyte, Minimal Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 1-7]	Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Mild Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Thymus		Atrophy Cyst	Minimal Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 389

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-389

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 390

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Carcinoma	
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Moderate
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Minimal
	[Clear Cell Focus TGLS = 1-6]		
	[Eosinophilic Focus TGLS = 2-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 391 **TRT#:** 17 **SEX:** Male **DAY ON TEST:** 653
DOSE: 10 GAUSS INTER. **DISP:** Natural Death **HISTO:** 94-5117-391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Harderian Gland
* Heart	* Nose	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland	* Trachea		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Pineal Gland	* Pituitary Gland	

AUTO PRECLUDES DIAG.

* Epididymis	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Preputial Gland	* Prostate
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one Harderian gland available for evaluation.			
* Kidney	Bilateral, Cortex Bilateral, Medulla	Inflammation Mineralization	Moderate Moderate
[Inflammation TGLS = 6-8]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5; 8-11]			
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 4-8a,11]			
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Testes			
Note: TGL 2,3-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 391

TRT#: 17

SEX: Male

DAY ON TEST: 653

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-391

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 7-3]

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Kidney Bilateral Cortex Inflammation

Animal Note: Tooth abnormalities

Animal Note: Lesion 8 identified grossly as Mesentery is microscopically identified as occurring in Mesenteric Lymph Node.

Animal Note: Lesion 1 identified grossly as Skin is microscopically identified as occurring in Mesenteric Lymph Node.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 392

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
		Inflammation	Moderate
	[Inflammation TGLS = 1-8a]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 392

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-392

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Marked

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 393

TRT#: 17

SEX: Male

DAY ON TEST: 415

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Medulla	* Gallbladder	* Mammary Gland	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 6-6]	
		[Vacuolization Cytoplasmic TGLS = 1-6]	
* Lym Node Mesen			
Note: TGL-5 NCL			
* Preputial Gland	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
		[Cyst TGLS = 3-8a & 11]	
* Thymus		Atrophy	Marked
* Urinary Bladder		Hemorrhage	Moderate
		[Hemorrhage TGLS = 4-8]	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 393

TRT#: 17

SEX: Male

DAY ON TEST: 415

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-393

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality in maxilla

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 394

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fascult	Hypertrophy	Focal, Mild
Note: Only one adrenal available for evaluation.			
* Gallbladder	Epithelium	Cyst	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 394

TRT#: 17

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-394

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 5-7]

[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]

* Lymph Node, Mandibular

Pigmentation

Mild

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

* Pancreas

Vacuolization Cytoplasmic

Minimal

* Preputial Gland

Bilateral

Cyst

Mild

Bilateral

Inflammation

Minimal

* Prostate

Epithelium

Hyperplasia

Mild

* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

* Seminal Vesicle

Bilateral

Cyst

Marked

Note: TGL 1-NCL

[Cyst TGLS = 6-8a,11]

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 395 **TRT#:** 17 **SEX:** Male **DAY ON TEST:** 579
DOSE: 10 GAUSS INTER. **DISP:** Moribund Sacrifice **HISTO:** 94-5117-395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic
* Nose	Peripheral Nerve	* Pineal Gland	* Pituitary Gland
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Testes	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Capsule	Lymphoma Malignant	
* Blood Vessel	Adventitia, Aorta	Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Rectum		Lymphoma Malignant	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-11]		
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Lymphoma Malignant	
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 395	TRT#: 17	SEX: Male	DAY ON TEST: 579
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-395

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Lymphoma Malignant	Moderate
[Cyst TGLS = 1-8a,12]		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-3]			
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 396

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
		Inflammation	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
* Prostate		Adenoma	
	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 396

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-396

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymph Follic

Hyperplasia

Minimal

Cyst

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 397

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Bone	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Moderate
	Bile Duct	Cyst	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 4-11]	
		[Cyst TGLS = 2-11]	
		[Hemangiosarcoma TGLS = 3-6]	
		[Hepatocellular Adenoma TGLS = 1-6]	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 397

TRT#: 17

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-397

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 398

TRT#: 17

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex Bilateral, Medulla Bilateral, Cortex	Cyst Infiltration Cellular Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Lymphocyte, Minimal Mild
* Liver		Basophilic Focus Clear Cell Focus Hepatocellular Adenoma	Moderate Minimal
	[Basophilic Focus TGLS = 4-6.1RC] [Hepatocellular Adenoma TGLS = 5-6.1RC]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage Hyperplasia	Mild Mild
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Minimal Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 398	TRT#: 17	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-398

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a]	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
Tooth			
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 399

TRT#: 17

SEX: Male

DAY ON TEST: 680

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Prostate
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
Note: Only one epididymus available for evaluation.			
* Harderian Gland			
Note: Only one Harderian gland available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Mineralization	Mild Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-6]			
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis Pars Nervosa	Cyst Cyst	Mild Moderate
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Seminal Vesicle		Atrophy	Mild
Note: TGL 3-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 399	TRT#: 17	SEX: Male	DAY ON TEST: 680
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-399

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 5-6]			
[Atrophy TGLS = 5-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Testes	Bilateral	Atrophy	Mild
[Atrophy TGLS = 4-8]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Tooth abnormality

Animal Note: Lesion 1 identified grossly as Inguinal Lymph Node is microscopically identified as occurring in Mesentery.

Animal Note: Carcass, Thin, Noted at Trim, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:47
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 400

TRT#: 17

SEX: Male

DAY ON TEST: 581

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Nose	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Prostate		

OBSERVATIONS

* Blood Vessel	Adventitia, Aorta	Rhabdomyosarcoma	Metastatic (Heart)
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Heart		Rhabdomyosarcoma	
* Kidney	Bilateral, Cortex	Mineralization	Mild
	Capsule	Rhabdomyosarcoma	Metastatic (Heart)
	Cortex	Rhabdomyosarcoma	Metastatic (Heart)
Note: TGL 2-NCL			
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Lung		Rhabdomyosarcoma	Metastatic (Heart)
	[Rhabdomyosarcoma TGLS = 3,5,7-7; 6-11]		
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Rhabdomyosarcoma	Metastatic (Heart)
	[Rhabdomyosarcoma TGLS = 8-5]		
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 400	TRT#: 17	SEX: Male	DAY ON TEST: 581
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-400

ORGAN AND ACCOUNTABLE SITE STATUS

Red Pulp	Atrophy	Moderate
	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Lung Rhabdomyosarcoma Heart

Animal Note: Cavities, Thoracic, Nodule, Multiple/White, TGL 1-NST

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 401

TRT#: 9

SEX: Male

DAY ON TEST: 568

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pineal Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Blood Vessel	Adventitia, Aorta	Sarcoma	Metastatic (Uncertain Primary Site)
* Brain	Thalamus	Mineralization	Mild
* Esophagus	Periesoph Tiss	Sarcoma	Metastatic (Uncertain Primary Site)
* Heart		Sarcoma	Metastatic (Uncertain Primary Site)
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
		Infiltration Cellular	Lymphocyte, Moderate
		Sarcoma	Metastatic (Uncertain Primary Site)
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-11]		
* Lymph Node, Mesenteric		Atrophy	Moderate
		Sarcoma	Metastatic (Uncertain Primary Site)
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery		Sarcoma	Metastatic (Uncertain Primary Site)
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 401	TRT#: 9 DOSE: 10 GAUSS	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 568 HISTO: 94-5117-401
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Marked
		Sarcoma	Metastatic (Uncertain Primary Site)
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Sarcoma Uncertain Primary Site

Animal Note: Cavities, Thoracic, Fluid, 3cc, Red, TGL 2-NST

Animal Note: Carcass, Thin, Observed at Trim, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 402

TRT#: 9

SEX: Male

DAY ON TEST: 718

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia Hyperplasia	Mild Focal, Mild Mild
* Bone Marrow		Adenoma	
* Harderian Gland		Degeneration	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
Note: TGL 2-NCL			
* Liver		Eosinophilic Focus	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Moderate Histiocyte, Moderate
* Preputial Gland	Bilateral Bilateral Bilateral	Atrophy Cyst Inflammation	Moderate Minimal Mild
* Salivary Glands		Atrophy	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 402

TRT#: 9

SEX: Male

DAY ON TEST: 718

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-402

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-6]

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 403

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Prostate	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
Tooth			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Moderate
	Zona Fasciata	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Multiple, Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-12RT]		
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 403	TRT#: 9 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-403
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Moderate
* Spleen [Atrophy TGLS = 2-6] [Atrophy TGLS = 2-6]	Lymph Follic Red Pulp	Atrophy Atrophy	Mild Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular Tooth Note: TGL 3-NST	Epithelium	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 404 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 666
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Mammary Gland	* Pineal Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Infiltration Cellular	Polymorphnuclr, Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Moderate
	[Inflammation TGLS = 1-8a]		
* Seminal Vesicle	Bilateral	Atrophy	Mild
	[Atrophy TGLS = 3-8a,11]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Urin Bladder			
	Note: TGL 2-NCL		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 404

TRT#: 9

SEX: Male

DAY ON TEST: 666

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-404

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 405

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
Eye			
Note: TGL 4-NCL			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-2]			
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 3-5]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 405

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-405

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 406

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla Cortex	Infiltration Cellular Infiltration Cellular	Lymphocyte, Mild Lymphocyte, Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 407

TRT#: 9

SEX: Male

DAY ON TEST: 642

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Bone	* Lymph Node, Mesenteric	* Mammary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Cyst	Moderate
		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a, 2-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 3-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-13RT]			
* Testes	Bilateral	Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 407

TRT#: 9

SEX: Male

DAY ON TEST: 642

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-407

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

Animal Note: Possible starvation due to tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 408

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Bilateral, Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 409 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 671
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Islets, Pancreatic	* Nose
* Pineal Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Stomach, Glandular			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Harderian GI			
Note: Only one gland available for evaluation.			
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-6]		
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-12]		
	[Lymphoma Malignant TGLS = 5-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 409	TRT#: 9	SEX: Male	DAY ON TEST: 671
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-409

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-5]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
* Pancreas		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Lung	Lymphoma Malignant

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 410

TRT#: 9

SEX: Male

DAY ON TEST: 466

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Heart	* Liver	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	* Preputial Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Blood Vessel	Aorta	Mineralization	Marked
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Inflammation	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-7]			
* Lymph Node	Lumbar	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-11]			
* Prostate		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Urinary Bladder		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Prostate Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 410

TRT#: 9

SEX: Male

DAY ON TEST: 466

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-410

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Lung Histiocytic Sarcoma

Animal Note: Cavities, Thoracic, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 411

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Heart		Hemangiosarcoma	Metastatic (Spleen)
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 5-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Cyst	Mild
	Note: TGL 1-NCL		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3,4-6]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 411

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-411

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth deformity

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 412

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration Infiltration Cellular Hepatocellular Carcinoma	Minimal Lymphocyte, Mild
* Liver			
[Hepatocellular Carcinoma TGLS = 1-6]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 413

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow	Myeloid Cell	Hyperplasia Hyperplasia	Minimal Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver		Hepatodiaphragmatic Nodule Infiltration Cellular	
	[Hepatodiaphragmatic Nodule TGLS = 2-6]		Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
	[Infiltration Cellular TGLS = 3-5]		
* Preputial Gland		Inflammation	Marked
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Moderate
* Thymus		Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 413

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-413

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 414

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatoblastoma	
[Hepatoblastoma TGLS = 1-6]			
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Preputial Gland		Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 415

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Epididymis		Granuloma Sperm	Mild
		Spermatocele	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Testes		Atrophy	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 416	TRT#: 9	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 417

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 2-3]	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Mixed Cell Focus	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 4-11]		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Cyst TGLS = 1-8a,12]	Bilateral	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 417

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-417

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 418 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 703
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex [Rhabdomyosarcoma TGLS = 6-3]	Bilateral	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Adrenal Medulla [Rhabdomyosarcoma TGLS = 6-3]	Bilateral	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland [Adenoma TGLS = 1-2]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
* Lung Mesentery [Rhabdomyosarcoma TGLS = 7-13,4-12]		Infiltration Cellular	Lymphocyte, Minimal
		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Pancreas [Rhabdomyosarcoma TGLS = 5-2]		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Preputial Gland		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 418

TRT#: 9

SEX: Male

DAY ON TEST: 703

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-418

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle

Rhabdomyosarcoma

[Rhabdomyosarcoma TGLS = 2,3-11]

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Rhabdomyosarcoma

Animal Note: Rhabdomyosarcoma actually primary in diaphragm; however site not available.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 419

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Cyst	Minimal
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 4-11]			
[Hepatocellular Adenoma TGLS = 5-6]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,12]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 419

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-419

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 420	TRT#: 9 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-420
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Colon	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-11]		
	[Hepatocellular Adenoma TGLS = 4,5-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-12, 2-8a]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 6-4]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 420

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-420

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 421

TRT#: 9

SEX: Male

DAY ON TEST: 705

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
Eye	Retrobulbar	Sarcoma	
* Harderian Gland		Sarcoma	Metastatic (Eye)
[Sarcoma TGLS = 2-2]			
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
* Nose	Sinus	Sarcoma	Metastatic (Eye)
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Spleen	Red Pulp	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 421	TRT#: 9	SEX: Male	DAY ON TEST: 705
	DOSE: 10 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-421

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-6]	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Harderian Gland Sarcoma Eye

Animal Note: Lesion 2 identified grossly as Bone, Cranium is microscopically identified as occurring in Harderian Gland.

Animal Note: Tooth abnormalities

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 422

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland Tooth

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Moderate
	[Inflammation TGLS = 1-8a]		
* Seminal Vesicle		Atrophy	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 2-6]		
* Thymus		Atrophy	Marked
Tooth			

Note: TGL 3-NST

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 423

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pineal Gland	* Thymus	Tooth

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 2-NCL			
[Cyst TGLS = 1-8a]			
Tooth			
Note: TGL 4-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, Observed at Trim, TGL 5-NST

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 424

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular Spermatocoele	Lymphocyte, Minimal Mild
* Islets, Pancreatic		Hyperplasia Infiltration Cellular	Moderate Histiocyte, Minimal
* Kidney	Cortex, Renal Tubule Bilateral, Medulla Cortex	Degeneration Infiltration Cellular Inflammation	Moderate Lymphocyte, Moderate Moderate
* Liver		Eosinophilic Focus Hepatocellular Adenoma	Mild
	[Eosinophilic Focus TGLS = 3-6] [Hepatocellular Adenoma TGLS = 1-6, 2-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Mild Mild
	Lymph Follicle		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 424	TRT#: 9	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-424

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 425

TRT#: 9

SEX: Male

DAY ON TEST: 518

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	Metastatic (Liver)
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
	[Dilatation TGLS = 4,5-8]		
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-11]		
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Parathyroid Gland		Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a, 12]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 425

TRT#: 9

SEX: Male

DAY ON TEST: 518

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-425

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder

Note: TGL-2 NCL

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

Animal Note: Tooth abnormality in Maxilla

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 426

TRT#: 9

SEX: Male

DAY ON TEST: 690

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Minimal Focal, Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Pigmentation	Moderate
* Liver		Carcinoma	Metastatic (Pancreas)
Note: TGL 2-NCL [Carcinoma TGLS = 3-6, 4-12]			
* Lung		Carcinoma	Metastatic (Pancreas)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Carcinoma	
[Carcinoma TGLS = 1-13]			
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Pancreas Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 427

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Sarcoma	Metastatic (Pancreas)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Sarcoma	Metastatic (Pancreas)
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Pancreas)
[Sarcoma TGLS = 2-5]			
* Pancreas		Sarcoma	
* Preputial Gland	Bilateral	Inflammation	Mild
* Prostate		Sarcoma	Metastatic (Pancreas)
* Seminal Vesicle	Bilateral	Cyst	Moderate
	Bilateral	Sarcoma	Metastatic (Pancreas)
[Cyst TGLS = 1-8a,11]			
[Sarcoma TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 427	TRT#: 9 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 94-5117-427
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral	Atrophy	Moderate
* Urinary Bladder		Sarcoma	Metastatic (Pancreas)

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 428

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Zona Fascult	Hyperplasia Hypertrophy	Mild Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus Hepatoblastoma Hepatocellular Adenoma	Mild
	[Hepatoblastoma TGLS = 4-11]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Pancreas Note: TGL 2-NST [Cyst TGLS = 1-11]	Duct	Cyst	Marked
* Preputial Gland	Bilateral	Atrophy Cyst	Mild Minimal
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 428

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-428

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 429 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 720
DOSE: 10 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one gland available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
		Inflammation	Minimal
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 429	TRT#: 9	SEX: Male	DAY ON TEST: 720
	DOSE: 10 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-429

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 430

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Carcinoma	
		Hyperplasia	Moderate
* Kidney	Cortex Bilateral, Cortex	Cyst Mineralization	Minimal Mild
* Liver		Hepatoblastoma	
	[Hepatoblastoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery		Inflammation	Mild
* Pancreas		Carcinoma	Metastatic (Islets, Pancreatic)
* Preputial Gland	Bilateral	Atrophy Inflammation	Mild Marked
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 2-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 430

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-430

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 431

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
[Adenoma TGLS = 1-3]			
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Necrosis	Mild
[Hemangiosarcoma TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 4-7,11]			
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 432

TRT#: 9

SEX: Male

DAY ON TEST: 480

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Granuloma Sperm	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1,2-6]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 433

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland			
Note: Only one gland available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Mild Minimal
* Liver		Hepatodiaphragmatic Nodule Infiltration Cellular	Moderate Mixed Cell, Focal, Mild
[Hepatodiaphragmatic Nodule TGLS = 1-6]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 433

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-433

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 434

TRT#: 9

SEX: Male

DAY ON TEST: 671

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Harderian Gland	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adren Medulla Note: Adrenal glands congested.			
* Adrenal Cortex Note: Adrenal glands congested.	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Cerebellum	Hemorrhage	Mild
* Heart	Atrium	Infiltration Cellular	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Congestion	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 434	TRT#: 9 DOSE: 10 GAUSS	SEX: Male DISP: Natural Death	DAY ON TEST: 671 HISTO: 94-5117-434
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Mild Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 435

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
	[Hemangiosarcoma TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 2-6]		
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-6]		
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 435

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-435

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma Spleen

CONTRIBUTORY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 436

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus Tooth

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Minimal
	[Cyst TGLS = 1-8a,11]		
* Spleen	Lymph Follicle	Hyperplasia	Mild
Tooth			
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 436

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-436

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 437

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
		Hypertrophy	Focal, Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-11]		
* Preputial Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 437

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-437

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 438

TRT#: 9

SEX: Male

DAY ON TEST: 684

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Nose	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	Tooth
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis			
Note: Abnormal spermatids in epididymal ducts.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Degeneration	Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
* Testes	Bilateral	Atrophy	Mild
* Thymus		Atrophy	Moderate
Tooth			
Note: TGL 1-NST			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 439

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus	Tooth
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INSUFFICIENT TISSUE

* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Spermatocoele	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		

Tooth

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 439

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-439

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 440

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Multiple, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 441

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 95-5117-441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
Coagulating Gland		Cyst	Moderate
[Cyst TGLS = 3-12]			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-14RT]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 441	TRT#: 9	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 95-5117-441

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8a, 2-11]		
* Thymus	Atrophy	Moderate
Tooth		
Note: TGL 4-NST		

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 442

TRT#: 9

SEX: Male

DAY ON TEST: 718

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Nose	* Skin	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder		

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-7, 3-11]		
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen			
	Note: TGL 1-NCL		

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 443 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 734
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 3-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 443

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-443

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 444

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Prostate
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
	Zona Fasciata	Hypertrophy	Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Clear Cell Focus	Mild
	[Clear Cell Focus TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland		Atrophy	Minimal
		Cyst	Mild
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 444

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-444

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 445

TRT#: 9

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hemangiosarcoma	Metastatic (Liver)
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
	[Hemangiosarcoma TGLS = 2-6,11]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 445	TRT#: 9	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-445

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 446	TRT#: 9	SEX: Male	DAY ON TEST: 609
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Liver
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Spleen			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen			
Note: TGL 3-NCL			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 446

TRT#: 9

SEX: Male

DAY ON TEST: 609

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-446

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 447

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex, Renal Tubule	Dilatation	Moderate
	[Cyst TGLS = 4-8]		
	[Dilatation TGLS = 3-8]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Moderate
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 5-8a,11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Note: TGL 1-NCL		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 447

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-447

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 448 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Nose

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Moderate
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Seminal Vesicle		Cyst	Mild
Note: TGL 2-NCL			
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 448

TRT#: 9

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-448

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 449

TRT#: 9

SEX: Male

DAY ON TEST: 525

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Cortex	Mineralization	Mild
	[Dilatation TGLS = 4-8]		
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Pancreas	Duct	Cyst	Moderate
	[Cyst TGLS = 6-2]		
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 5-6]		
* Thymus		Atrophy	Marked
* Urin Bladder			

Note: TGL-1 NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 449

TRT#: 9

SEX: Male

DAY ON TEST: 525

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-449

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Tooth abnormality in maxilla

Animal Note: Due to recording error on IANR, there is no TGL 3.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 450

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus	Tooth
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,11]		
* Stomach, Forestomach	Epithelium	Atrophy	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Moderate
Tooth			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 450

TRT#: 9

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-450

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 451

TRT#: 19

SEX: Male

DAY ON TEST: 708

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland	* Spleen
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Infiltration Cellular	Mild Polymorphnuclr, Mild
Note: One one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Mild
* Preputial Gland		Atrophy Cyst	Moderate Moderate
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 2-8a, 3-11]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 452

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: One one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Heart		Inflammation	Focal, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
		Inflammation	Moderate
[Inflammation TGLS = 1-8a]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 453

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland Tooth

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
	[Clear Cell Focus TGLS = 5-6]		
	[Eosinophilic Focus TGLS = 6-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 4-12]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-11]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 453	TRT#: 19	SEX: Male	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-453

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Bilateral	Infiltration Cellular	Histiocyte, Mild
	Bilateral	Cyst	Minimal
* Prostate	Epithelium	Inflammation	Mild
* Salivary Glands		Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
		Cyst	Marked
[Cyst TGLS = 1-8a,13]			
Tooth			
Note: TGL 2-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 454 **TRT#:** 19 **SEX:** Male **DAY ON TEST:** 693
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 455

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Mild
	[Clear Cell Focus TGLS = 2-6]		
	[Eosinophilic Focus TGLS = 5-12RT]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 455	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-455
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a, 4-11]	Bilateral	Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 456 **TRT#:** 19 **SEX:** Male **DAY ON TEST:** 735
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1,2-6; 6-12RT]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 5-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Minimal
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 456	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-456
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
Note: TGL 4-NCL [Cyst TGLS = 3-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 457	TRT#: 19	SEX: Male	DAY ON TEST: 370
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone * Skin

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Mammary Gland
* Pineal Gland	* Pituitary Gland	* Prostate	

AUTO PRECLUDES DIAG.

* Blood Vessel	* Bone Marrow	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 458	TRT#: 19	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Focal, Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Infiltration Cellular	Mixed Cell, Moderate
* Preputial Gland	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a.1]			
* Prostate	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 458

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-458

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 459

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Nose	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	Tooth
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Pancreas		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Minimal
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Testes	Interstit Cell	Hyperplasia	Focal, Moderate
Tooth			
Note: TGL 3-NST			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 459

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-459

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 460

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Bilateral, Cortex, Renal Tubule	Cyst Degeneration	Minimal Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Lymph Follicle	Hyperplasia	Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 460

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-460

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 461

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pineal Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Mesothelioma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Mesothelioma Malignant	
	[Hepatocellular Carcinoma TGLS = 8-6, 9-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mesothelioma Malignant	
	[Hepatocellular Carcinoma TGLS = 2,3,4,5,6-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Mesothelioma Malignant	
* Pancreas		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 461	TRT#: 19	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-461

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Tunic	Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavity, Abdominal, Fluid, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 462

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 3-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-5]			
* Preputial Gland		Cyst	Marked
		Inflammation	Mild
[Cyst TGLS = 1-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 462

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-462

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Bone, Cranium, Deformity, TGL 4-NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 463

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland	Tooth
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Sem Ves			
Note: TGL 1-NCL			
* Spleen			
Note: TGL 2-NCL			
* Thymus		Atrophy	Marked
Tooth			
Note: TGL 3-NST			

PRIMARY CAUSE OF DEATH -

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 463

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-463

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 464

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Minimal
	[Cyst TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8a,11]		
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 465

TRT#: 19

SEX: Male

DAY ON TEST: 500

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Epididymis		Spermatocele	Moderate
[Spermatocele TGLS = 8-8a]			
* Intestine Small, Jejunum	Serosa	Carcinoma	
		Inflammation	Marked
[Carcinoma TGLS = 5-11]			
[Inflammation TGLS = 5-11]			
* Kidney			
Note: TGL 2-NCL			
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 6-8a,12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 465

TRT#: 19

SEX: Male

DAY ON TEST: 500

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-465

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Carcinoma

Animal Note: Cavities, Abdominal, Fluid, Yellow/White, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 466 **TRT#:** 19 **SEX:** Male **DAY ON TEST:** 729
DOSE: 10 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Nose	* Pancreas
* Pituitary Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex, Renal Tubule	Dilatation	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
Note: TGL 2-NCL			
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Ulcer	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 466

TRT#: 19

SEX: Male

DAY ON TEST: 729

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-466

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-11]

* Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

- Skin Ulcer

Animal Note: Carcass, Thin, TGL 3-NST

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 467

TRT#: 19

SEX: Male

DAY ON TEST: 594

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Heart	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Pancreas	* Pineal Gland	* Stomach, Glandular	* Testes

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
[Cyst TGLS = 1-8a,11]			
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 468

TRT#: 19
DOSE: 10 GAUSS

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 666
HISTO: 94-5117-468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pineal Gland	* Pituitary Gland
* Thymus			

INSUFFICIENT TISSUE

* Adrenal Cortex	* Adrenal Medulla
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver			
Note: TGL 4-NCL			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
[Cyst TGLS = 2-8a]			
[Inflammation TGLS = 2-8a]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
Note: TGL 3-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 468

TRT#: 19

SEX: Male

DAY ON TEST: 666

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-468

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS

Schwannoma Malignant

[Schwannoma Malignant TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- Tissue NOS Schwannoma Malignant

Animal Note: Tooth abnormality

Animal Note: Carcass, Thin, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 469

TRT#: 19

SEX: Male

DAY ON TEST: 604

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Liver	* Nose
* Parathyroid Gland	* Prostate	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland	* Pituitary Gland
* Preputial Gland			

AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Spermatocoele	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
[Dilatation TGLS = 4-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Schwannoma Malignant	Metastatic (Skin)
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Schwannoma Malignant	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 469

TRT#: 19

SEX: Male

DAY ON TEST: 604

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-469

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Urin Bladder

Note: TGL 2-NCL

PRIMARY CAUSE OF DEATH

- Skin Schwannoma Malignant

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 470

TRT#: 19

SEX: Male

DAY ON TEST: 671

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Islets, Pancreatic
* Lung	* Nose	* Pancreas	* Prostate
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Spleen	* Stomach, Glandular	* Testes	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2,3-6; 4-11]		
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen			
	Note: TGL 1-NCL		

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 471

TRT#: 19

SEX: Male

DAY ON TEST: 483

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	* Prostate	Skeletal Muscle	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
* Thymus			

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Cyst	Moderate
* Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 2-8a]			
* Skin		Cyst	Mild
[Cyst TGLS = 3-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 471

TRT#: 19

SEX: Male

DAY ON TEST: 483

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-471

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Carcass, Thin, Observed at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 472

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Mineralization	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Mild
	Bilateral	Inflammation	Moderate
	[Cyst TGLS = 1-8a]		
	[Inflammation TGLS = 1-8a]		
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 472	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-472
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Cyst	Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 473

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Mammary Gland	* Pineal Gland	Tooth
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-11; 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
	[Cyst TGLS = 2-8a]		
	[Inflammation TGLS = 2-8a]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 473	TRT#: 19	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-473

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
Tooth			
Note: TGL 1-NST			

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 474

TRT#: 19

SEX: Male

DAY ON TEST: 545

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Metaplasia	Osseous, Focal, Mild
	Bilateral, Cortex	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Inflammation	Mild
Note: Only one available for evaluation.			
* Prostate	Epithelium	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 474

TRT#: 19

SEX: Male

DAY ON TEST: 545

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-474

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 475

TRT#: 19

SEX: Male

DAY ON TEST: 720

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pineal Gland	* Salivary Glands
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Epididymis		Spermatocele	Mild
* Harderian Gland		Necrosis	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
	[Atrophy TGLS = 1-6]		
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 475

TRT#: 19

SEX: Male

DAY ON TEST: 720

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-475

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Carcass, Thin, Noted at Trim, TGL 4-NST

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 476

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Thrombosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Spermatocele	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-12]		
* Preputial Gland		Cyst	Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 476	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-476
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen	Capsule	Degeneration	Focal, Mild
		Hematopoietic Cell Proliferation	Moderate
[Degeneration TGLS = 1-6]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 477

TRT#: 19

SEX: Male

DAY ON TEST: 595

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone
 * Lymph Node, Mandibular

* Bone Marrow
 * Skin

* Heart

* Lung

MISSING

* Lymph Node, Mesenteric
 * Preputial Gland

* Mammary Gland
 * Spleen

* Parathyroid Gland

* Pineal Gland

AUTO PRECLUDES DIAG.

* Adrenal Cortex
 * Esophagus
 * Intestine Large, Colon
 * Intestine Small, Jejunum
 * Pancreas
 * Stomach, Forestomach
 * Trachea

* Adrenal Medulla
 * Gallbladder
 * Intestine Large, Rectum
 * Islets, Pancreatic
 * Pituitary Gland
 * Stomach, Glandular
 * Urinary Bladder

* Blood Vessel
 * Harderian Gland
 * Intestine Small, Duodenum
 * Kidney
 * Prostate
 * Testes

* Epididymis
 * Intestine Large, Cecum
 * Intestine Small, Ileum
 * Nose
 * Salivary Glands
 * Thyroid Gland

OBSERVATIONS

* Brain
 * Kidney
 Note: TGL 2-NCL
 * Liver
 [Hepatocellular Carcinoma TGLS = 4-6]
 * Seminal Vesicle
 [Cyst TGLS = 1-8a,11]
 * Spleen
 Note: TGL 3-NST
 * Thymus

Thalamus

Bilateral

Mineralization

Hepatocellular Carcinoma

Cyst

Atrophy

Mild

Mild

Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 478

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Glomer	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Mineralization	Minimal Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Preputial Gland		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 1-8a,11]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy Cyst	Mild Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 479

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Epididymis	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
[Cyst TGLS = 3-8]			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Inflammation	Focal, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-12]			
* Preputial Gland		Cyst	Minimal
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 479	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-479
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,11]	Bilateral	Cyst	Marked
* Stomach, Glandular [Hyperplasia TGLS = 5-4]	Epithelium	Hyperplasia	Focal, Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 480

TRT#: 19

SEX: Male

DAY ON TEST: 448

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Focal, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-11; 2-7]			
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Preputial Gland	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

Animal Note: Carcass, Thin, Observed at Trim, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 481

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Heart		Inflammation	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Inflammation	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-8a,11]		
* Spleen	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 482

TRT#: 19
DOSE: 10 GAUSS

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Multiple, Mild
		Eosinophilic Focus	Minimal
		Mixed Cell Focus	Mild
	[Clear Cell Focus TGLS = 1-6]		
	[Mixed Cell Focus TGLS = 2-6]		
* Lymph Node, Mesenteric		Hyperplasia	Moderate
		Lymphoma Malignant	
* Preputial Gland		Cyst	Minimal
		Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 482

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-482

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 483 **TRT#:** 19 **SEX:** Male **DAY ON TEST:** 716
DOSE: 10 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Prostate	* Skin
* Testes	* Thyroid Gland	* Urinary Bladder	

MISSING

* Esophagus	* Mammary Gland	* Parathyroid Gland	* Trachea
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral, Cortex	Mineralization	Minimal
	Bilateral, Cortex, Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma Necrosis	Moderate
	[Hepatoblastoma TGLS = 3-6]		
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		
* Spleen	Lymph Follicle Red Pulp	Atrophy Atrophy	Marked Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 483	TRT#: 19	SEX: Male	DAY ON TEST: 716
	DOSE: 10 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-483

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-6]			
[Atrophy TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: Severe tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 484

TRT#: 19

SEX: Male

DAY ON TEST: 525

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Spleen
* Stomach, Forestomach	* Stomach, Glandular		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8a,12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 484	TRT#: 19	SEX: Male	DAY ON TEST: 525
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-484

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
* Urin Bladder		
Note: TGL 1-NCL		

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 485

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Cranium, TGL 2-NST			
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-2]			
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Mild
* Lung		Inflammation	Focal, Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 485	TRT#: 19	SEX: Male	DAY ON TEST: 734
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-485

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 486

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Minimal
		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 487

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Minimal
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland	Bilateral	Cyst	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 487

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-487

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 488

TRT#: 19

SEX: Male

DAY ON TEST: 458

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Kidney	* Liver	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Mammary Gland	* Pineal Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Spleen	Red Pulp	Pigmentation	Mild
[Pigmentation TGLS = 1-6]			
* Thymus		Atrophy	Marked
* Urin Bladder			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Tooth deformity in maxilla.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 489

TRT#: 19

SEX: Male

DAY ON TEST: 577

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Sem Ves			
Note: TGL 1-NCL			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
* Testes	Bilateral	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Carcass, Thin, Observed at Trim, TGL 2-NST

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 490

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Moderate
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration Infiltration Cellular	Minimal Lymphocyte, Minimal
Note: TGL 3-NCL			
* Liver		Necrosis	Marked
[Necrosis TGLS = 4-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Atrophy Cyst	Mild Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Cyst	Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 490

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-490

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 491

TRT#: 19

SEX: Male

DAY ON TEST: 510

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Nose	* Parathyroid Gland	* Prostate	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Blood Vessel	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Pancreas	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Heart	Epicardium	Mineralization	Mild
* Liver		Lymphoma Malignant	
* Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL-4 involves Axillary Lymph Node
 [Lymphoma Malignant TGLS = 8-2]
 [Lymphoma Malignant TGLS = 5-12]
 [Lymphoma Malignant TGLS = 4-11]
 [Lymphoma Malignant TGLS = 7-5]
 [Lymphoma Malignant TGLS = 6-13]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 491	TRT#: 19	SEX: Male	DAY ON TEST: 510
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-491

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Pituitary Gland		Lymphoma Malignant	
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
	Bilateral	Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach		Inflammation	Focal, Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 492

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciata	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland	Bilateral	Infiltration Cellular Inflammation	Lymphocyte, Mild Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla Bilateral, Cortex	Degeneration Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Mild
* Liver		Clear Cell Focus Eosinophilic Focus	Multiple, Marked Mild
	[Clear Cell Focus TGLS = 2-11, 3-6] [Eosinophilic Focus TGLS = 2-11]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Cyst Inflammation	Moderate Mild
* Prostate	Epithelium	Hyperplasia Infiltration Cellular	Mild Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 492	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-492
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Cyst TGLS = 1-8a,12]	Bilateral	Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 493

TRT#: 19

SEX: Male

DAY ON TEST: 630

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	Peripheral Nerve
* Prostate	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Epididymis

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-11]		
* Lymph Node, Mandibular		Atrophy	Minimal
* Pineal Gland			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland	Bilateral	Atrophy	Moderate
* Seminal Vesicle	Bilateral	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 493	TRT#: 19 DOSE: 10 GAUSS	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 630 HISTO: 94-5117-493
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 3-NCL [Cyst TGLS = 2-8a,12]			
* Spleen [Atrophy TGLS = 4-6]	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy Cyst	Marked Focal, Moderate
* Urin Bladder Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 494	TRT#: 19	SEX: Male	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Fasciata	Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 495

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal present for evaluation.			
* Adren Medulla			
Note: Only one adrenal present for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
[Degeneration TGLS = 2-8]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 495

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-495

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 496

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Epididymis		Cyst	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Inflammation	Mild
	Bilateral, Cortex	Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Inflammation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Bilateral	Cyst	Mild
	[Cyst TGLS = 1-8a,11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 496

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-496

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral

Atrophy

Marked

[Atrophy TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: Tooth abnormality

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 497

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Glomer Zona Fascult	Hyperplasia Hypertrophy	Focal, Moderate Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Mineralization	Mild
* Liver		Eosinophilic Focus	Minimal
	[Eosinophilic Focus TGLS = 1-11.1RC]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral Bilateral	Atrophy Cyst Inflammation	Mild Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Cyst	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 498

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus	Tooth	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Focal, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Cyst Degeneration Mineralization	Mild Minimal Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland	Bilateral Bilateral	Atrophy Cyst	Marked Moderate
[Cyst TGLS = 2-8a]			
* Seminal Vesicle	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-8a,11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium Epithelium	Atrophy Cyst	Minimal Focal, Minimal

Tooth

Note: TGL 1-NST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 498

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-498

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Tooth abnormalities

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 499

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-6, 4-13, 5-14]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Mild
* Preputial Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Seminal Vesicle	Bilateral	Cyst	Minimal
	[Cyst TGLS = 1-8a,11]		
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 499

TRT#: 19

SEX: Male

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-499

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 2-6]

[Hematopoietic Cell Proliferation TGLS = 2-6]

* Testes

[Adenoma TGLS = 7-8]

Hematopoietic Cell Proliferation

Moderate

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 500

TRT#: 19

SEX: Male

DAY ON TEST: 734

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Nose		Inflammation	Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Mild
	Bilateral	Cyst	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Cyst	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 501

TRT#: 2

SEX: Female

DAY ON TEST: 625

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland	* Thyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Blood Vessel	Aorta	Mineralization	Marked
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Cortex	Metaplasia	Osseous, Focal, Mild
	Artery, Bilateral	Mineralization	Mild
	Bilateral, Cortex	Mineralization	Mild
	Medulla	Mineralization	Mild
* Liver		Fibrosis	Moderate
		Infiltration Cellular	Lymphocyte, Focal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung	Artery	Mineralization	Moderate
		Sarcoma	Metastatic (Skin)
Mesentery	Artery	Mineralization	Marked
* Pancreas		Lipomatosis	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 501	TRT#: 2	SEX: Female	DAY ON TEST: 625
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-501

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 1-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 3-6]			
* Thymus		Atrophy	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Skin Sarcoma

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 502

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 702
HISTO: 94-5117-502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Nose
* Pineal Gland	* Pituitary Gland	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Islets, Pancreatic	* Ovary	* Pancreas
* Parathyroid Gland			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Ileum	Serosa	Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-11]			
[Lymphoma Malignant TGLS = 4-13]			
[Lymphoma Malignant TGLS = 5-14]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Angiectasis	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
* Mammary Gland		Hyperplasia	Marked
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 502	TRT#: 2	SEX: Female	DAY ON TEST: 702
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-502

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Skin		Sarcoma	
[Sarcoma TGLS = 1-12; 6-15]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Skin Sarcoma

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 503

TRT#: 2

SEX: Female

DAY ON TEST: 703

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Rectum	* Kidney	* Lung
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pineal Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Minimal
* Harderian Gland		Adenoma	
Note: Only one Harderian gland available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 503	TRT#: 2	SEX: Female	DAY ON TEST: 703
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-503

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Lesion 1 identified grossly as Tissue NOS is microscopically identified as occur ring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 504 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 5-NCL			
* Lung		Inflammation	Focal, Mild
[Inflammation TGLS = 6-7]			
Lymph Node		Sarcoma	Metastatic (Skin)
Note: Axillary Lymph Node is sarcoma.			
[Sarcoma TGLS = 2-12]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 504	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-504

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Lymphoma Malignant TGLS = 4-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Plasma Cell, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 505

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node		Ectasia	Moderate
		Hemorrhage	Mild
[Ectasia TGLS = 4-11]			
[Hemorrhage TGLS = 4-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
		Granulosa Cell Tumor Benign	
Note: Tumor displays sertoli-like differentiation.			
[Cyst TGLS = 3-8.1RC]			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 505	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-505

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
	[Pigmentation TGLS = 5-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 4 identified grossly as Mesentery is microscopically identified as occurring in Lymph Node (NOS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 506

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 506

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-506

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 507

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Pineal Gland
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INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral GI			
Note: Only one available for evaluation.			
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 507	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-507

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 508 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 508	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-508

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 509 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 725
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Small, Duodenum	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Pituitary Gland	* Spleen	* Thymus	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Lymph Node, Mesenteric		Rhabdomyosarcoma	Metastatic (Tissue Nos)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular Tissue NOS		Inflammation	Mild
		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-8]			
* Uterus			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH - Tissue NOS Rhabdomyosarcoma

Animal Note: Lesion 1 identified grossly as Ovaries is microscopically identified as occurring in Tissue NOS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 510

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Pelvis	Calculus Micro Observation Only	
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 510

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-510

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 511

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 737
HISTO: 94-5117-511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pineal Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Degeneration Metaplasia	Mild Osseous, Focal, Mild
* Liver	Hepatocyte	Lymphoma Malignant Vacuolization Cytoplasmic	Moderate
[Lymphoma Malignant TGLS = 4-6] [Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar Lumbar Mediastinal	Hemorrhage Lymphoma Malignant Lymphoma Malignant	Moderate
[Hemorrhage TGLS = 5-13] [Lymphoma Malignant TGLS = 7-11] [Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 511	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-511

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Hemorrhage Lymphoma Malignant	Moderate
[Hemorrhage TGLS = 3-12] [Lymphoma Malignant TGLS = 3-12]			
* Ovary		Atrophy	Mild
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 512

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 512

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-512

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Angiectasis	Mild
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:48
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 513

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 602
HISTO: 94-5117-513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

MISSING

* Brain * Parathyroid Gland * Pineal Gland * Pituitary Gland
* Thymus

AUTO PRECLUDES DIAG.

* Adrenal Cortex * Adrenal Medulla * Blood Vessel * Bone Marrow
* Clitoral Gland * Esophagus * Gallbladder * Harderian Gland
* Heart * Intestine Large, Cecum * Intestine Large, Colon * Intestine Large, Rectum
* Intestine Small, Duodenum * Intestine Small, Ileum * Intestine Small, Jejunum * Islets, Pancreatic
* Kidney * Liver * Lung * Lymph Node, Mandibular
* Lymph Node, Mesenteric * Mammary Gland * Nose * Ovary
* Pancreas * Salivary Glands * Skin * Spleen
* Stomach, Forestomach * Stomach, Glandular * Thyroid Gland * Trachea
* Urinary Bladder * Uterus

OBSERVATIONS

* Gallbladder
Note: TGL 3-NCL
* Spleen
Note: TGL 1-NCL
* Uterus
Note: TGL 2-NCL

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 514

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-6; 6-12RT]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
	[Cyst TGLS = 3-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Congestion	Mild
	[Congestion TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 5-6; 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 514

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-514

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 515

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia Myelofibrosis	Fatty, Minimal Moderate
* Bone Marrow		Mineralization	Mild
* Brain	Thalamus	Atrophy	Mild
* Clitoral Gland		Cyst	Marked Marked
Note: Only one available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Minimal
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Infiltration Cellular	Mast Cell, Moderate
* Pancreas	Duct	Cyst Lipomatosis Vacuolization Cytoplasmic	Marked Moderate Mild
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 515	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-515

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 516

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 517 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Mild
		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 517

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-517

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 1,2-8]

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 518

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 603
HISTO: 94-5117-518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Ovary

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pineal Gland
* Spleen	* Stomach, Glandular	* Thymus	* Uterus

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Liver		Necrosis	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 519

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral GI			
Note: Only one available for evaluation.			
* Gallbladder	Epithelium	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 3-NCL			
[Hepatocellular Adenoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 519

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-519

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Lymphoid, Minimal

[Hyperplasia TGLS = 1-8]

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 520

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 432
HISTO: 94-5117-520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Harderian Gland	* Heart	* Mammary Gland	* Nose
* Skin	* Trachea		

MISSING

* Clitoral Gland	* Gallbladder	* Ovary	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Spleen	

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Necrosis	Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 521

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary			
	Note: Only one available for evaluation.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 521	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-521

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 522

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Ectasia	Moderate
	Lumbar	Hemorrhage	Mild
	Lumbar	Pigmentation	Moderate
	[Ectasia TGLS = 4-11]		
	[Hemorrhage TGLS = 4-11]		
	[Pigmentation TGLS = 4-11]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 522	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-522

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1,2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 523

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 4-NCL			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 524 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 551
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel * Bone * Heart * Nose
* Skin

MISSING

* Clitoral Gland * Ovary * Spleen

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney			
Note: Only one present for evaluation.			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Thymus		Lymphoma Malignant	
* Uterus			
Note: TGL 2-NCL			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 525

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Ovary		Cystadenoma	
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 525

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 94-5117-525

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Mild

* Uterus

Bilateral, Endometrium
Endometrium

Hyperplasia
Polyp Stromal

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 526

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pineal Gland
--------------------------	---------------------	----------------

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 526

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-526

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 527

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node		Schwannoma Malignant	Metastatic (Skin)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-13]			
* Ovary			
Note: Only one ovary available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 527

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-527

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 528

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Intestine Small, Duodenum	Muscularis	Hypertrophy	Mild
		Inflammation	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 3-NCL			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 528

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-528

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral

Hyperplasia
Hydrometra

Lymphoid, Mild
Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Ovaries is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 529

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 529

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-529

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Infiltration Cellular

Lymphocyte, Mild

* Stomach, Glandular

Infiltration Cellular

Lymphocyte, Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 530

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Marked

[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 531 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 691
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Harderian Gland	* Heart	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Islets, Pancreatic	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4]			
* Liver		Lymphoma Malignant	
		Necrosis	Mild
[Lymphoma Malignant TGLS = 3,4-6]			
[Necrosis TGLS = 5-6]			
* Lung		Hemorrhage	Mild
Lymph Node	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary	Bilateral	Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 531	TRT#: 2	SEX: Female	DAY ON TEST: 691
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-531

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 532

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland		Adenoma	
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Ovary		Cyst	Moderate
Note: Only one available for evaluation.			
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 532

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 725
HISTO: 94-5117-532

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hydrometra TGLS = 1-8]

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 533

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Lung	* Lymph Node, Mandibular	* Nose
* Pineal Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder		Rhabdomyosarcoma	Metastatic (Intestine Small, Jejunum)
	[Rhabdomyosarcoma TGLS = 4-6]		
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
	Serosa	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[Rhabdomyosarcoma TGLS = 10-15, 11-11]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 5-6]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: See slide 15 and 16.			
* Mammary Gland	Duct	Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 533

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-533

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis Rhabdomyosarcoma	Moderate Metastatic (Skeletal Muscle)
[Necrosis TGLS = 8-14]			
[Rhabdomyosarcoma TGLS = 9-16]			
* Ovary		Rhabdomyosarcoma	Metastatic (Intestine Small, Jejunum)
Note: Only one available for evaluation.			
* Pancreas		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 2,3-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Hydrometra TGLS = 7-8]			
[Rhabdomyosarcoma TGLS = 6-12]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 8 identified grossly as Mesenteric Lymph Node is microscopically identified as Mesentery.

Animal Note: Lesion 10 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Jejunum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 534

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-11]	
		[Lymphoma Malignant TGLS = 4-7]	
Lymph Node	Bronchial	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 6-12]	
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 534

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 726
HISTO: 94-5117-534

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Moderate
	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	Bilateral	Lymphoma Malignant	
[Hyperplasia TGLS = 1-8]			
[Lymphoma Malignant TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 535

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lymphoma Malignant	
Note: TGL 4-NCL			
	[Lymphoma Malignant TGLS = 5-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-3]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 535	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-535

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Moderate
* Uterus		Hydrometra	Marked
		Inflammation	Moderate
[Hydrometra TGLS = 1-8]			
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 536

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 537

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
	Medulla	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Clear Cell Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Clear Cell Focus TGLS = 2-11]		
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Infiltration Cellular	Lymphocyte, Moderate
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 537	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-537

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
		Infiltration Cellular	Lymphocyte, Moderate
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 538

TRT#: 2
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hemorrhage	Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Ectasia TGLS = 3-11]			
[Hemorrhage TGLS = 3-11]			
* Pancreas		Lipomatosis	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 538	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-538

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 539 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 723
DOSE: SHAM CONTROL **DISP:** Natural Death **HISTO:** 94-5117-539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary	* Pancreas
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-6]			
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mandibular		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 540

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pineal Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Moderate Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy Cyst	Marked Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Glomerulus Bilateral, Cortex, Renal Tubule Bilateral	Amyloid Deposition Degeneration Lymphoma Malignant	Mild Mild
* Liver		Hepatocellular Adenoma Infiltration Cellular Lymphoma Malignant	Mixed Cell, Focal, Minimal
[Hepatocellular Adenoma TGLS = 5-6]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-7]			
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 540 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-540

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 4-6]	
		[Lymphoma Malignant TGLS = 4-6]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
		Lymphoma Malignant	
* Thyroid Gland		Adenoma	
	Follicular Cel	Hyperplasia	Focal, Mild
	Follicular Cel	Hypertrophy	Diffuse, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Mild
		[Hydrometra TGLS = 1-11]	
		[Hyperplasia TGLS = 1-11]	
		[Inflammation TGLS = 2-11]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 541

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Harderian Gland		Adenoma	
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Ectasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
	[Ectasia TGLS = 5-5]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 2-11]		
* Ovary	Bilateral	Cyst	Mild
	[Cyst TGLS = 3-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Focal, Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 541	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-541

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hydrometra TGLS = 4-8]	Bilateral	Hydrometra	Moderate
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 542

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 543

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Liver		Lymphoma Malignant	
* Lung	Vein	Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-13]			
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
Mesentery	Fat	Inflammation	Moderate
[Inflammation TGLS = 3-12]			
* Ovary	Bilateral	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Lymphocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 543	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-543

ORGAN AND ACCOUNTABLE SITE STATUS		
* Spleen [Lymphoma Malignant TGLS = 6-6]	Lipomatosis Lymphoma Malignant	Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Intestine Large, Cecum Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 544

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 545

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 546

TRT#: 2

SEX: Female

DAY ON TEST: 707

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Pineal Gland	* Thymus	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Blood Vessel	Aorta	Mineralization	Marked
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Heart	Artery	Mineralization	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Artery	Mineralization	Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland		Hyperplasia	Moderate
* Ovary		Hemangiosarcoma	
Note: Only one available for evaluation.			
[Hemangiosarcoma TGLS = 2-8]			
* Pancreas		Lipomatosis	Moderate
* Parathyroid Gland		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 546	TRT#: 2	SEX: Female	DAY ON TEST: 707
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-546

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Mineralization	Moderate
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

Animal Note: Carcass, Thin, TGL 4-NST

Animal Note: Lesion 3 identified grossly as Skin is microscopically identified as Skeletal Muscle.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 547

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
	Bilateral	Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Moderate
	[Lymphoma Malignant TGLS = 5-12; 6-13]		
	[Necrosis TGLS = 5-12]		
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 547	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-547

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hemorrhage	Moderate
	Bilateral	Hydrometra	Moderate
[Hemorrhage TGLS = 4-11]			
[Hydrometra TGLS = 2,3-11]			

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 548

TRT#: 2

SEX: Female

DAY ON TEST: 608

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Pituitary Gland	Skeletal Muscle	Spinal Cord	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Minimal
* Liver		Clear Cell Focus	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 548	TRT#: 2	SEX: Female	DAY ON TEST: 608
	DOSE: SHAM CONTROL	DISP: Moribund Sacrifice	HISTO: 94-5117-548

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 549

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
Note: TGL 1-NCL			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Clear Cell Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 5-7]			
Lymph Node	Lumbar	Ectasia	Moderate
	Lumbar	Hemorrhage	Moderate
[Ectasia TGLS = 4-12]			
[Hemorrhage TGLS = 4-12]			
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Ovary		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Minimal
* Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 549	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-549

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Amyloid Deposition	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 550

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Ovary	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 4-6, 5-11]	
		[Hepatocellular Carcinoma TGLS = 3-12]	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Moderate
		[Necrosis TGLS = 6-13]	
* Pancreas		Lipomatosis	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 550	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-550

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Lymphoma Malignant	
* Skin	Artery	Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Lymphoma Malignant TGLS = 1-6]	
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Moderate
		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Minimal
		[Hydrometra TGLS = 2-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 551

TRT#: 12

SEX: Female

DAY ON TEST: 397

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone	Vertebra	Osteosarcoma	
Note: Osteosarcoma involves Lumbar vertebrae; Femur is Normal [Osteosarcoma TGLS = 1-11]			
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Eosinophilic Focus	Moderate
* Lung		Osteosarcoma	Metastatic (Bone)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 551

TRT#: 12

SEX: Female

DAY ON TEST: 397

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-551

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 552

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Kidney	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone			
Note: Femur is Normal; Bone, Maxilla, TGL 8-NST			
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
Eye	Cornea	Inflammation	Mild
[Inflammation TGLS = 6-11]			
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 7-12]			
* Intestine Large, Cecum		Histiocytic Sarcoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Inguinal	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 552	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-552

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-5]			
[Histiocytic Sarcoma TGLS = 5-3]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Histiocytic Sarcoma TGLS = 4-6]			
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-8]			
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 553

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
* Int Sm Duoden			
Note: TGL 5-NCL			
* Intestine Large, Cecum	Serosa	Histiocytic Sarcoma	
* Intestine Small, Ileum		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-12]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-3]			
[Histiocytic Sarcoma TGLS = 7-14]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 553	TRT#: 12	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-553

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 1-15]	Fat	Necrosis	Moderate
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Histiocytic Sarcoma TGLS = 3-6]			
* Thymus		Histiocytic Sarcoma	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 554

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Moderate Mild
* Bone Marrow		Hyperplasia Myelofibrosis	Mild Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy Inflammation	Marked Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Kidney	Cortex Medulla	Infiltration Cellular Infiltration Cellular	Lymphocyte, Mild Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Congestion	Mild
* Lymph Node, Mesenteric		Ectasia Hemorrhage	Marked Mild
[Ectasia TGLS = 6-11]			
[Hemorrhage TGLS = 6-11]			
* Mammary Gland	Duct	Dilatation	Mild
Mesentery		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 5-14]			
* Ovary		Cyst	Mild
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 554	TRT#: 12	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-554

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Rhabdomyosarcoma	
Note: Diaphragm			
[Rhabdomyosarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland		Adenoma	Multiple
	Follicular Cel	Hyperplasia	Focal, Mild
	Follicular Cel	Hypertrophy	Diffuse, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 3,4-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 555

TRT#: 12

SEX: Female

DAY ON TEST: 666

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
 * Esophagus
 * Skin

* Blood Vessel
 * Harderian Gland
 * Stomach, Forestomach

* Bone
 * Heart

* Brain
 * Nose

MISSING

* Clitoral Gland
 * Mammary Gland
 * Thyroid Gland

* Gallbladder
 * Ovary
 * Trachea

* Lymph Node, Mandibular
 * Parathyroid Gland
 * Urinary Bladder

* Lymph Node, Mesenteric
 * Pituitary Gland
 * Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
 * Intestine Small, Ileum
 * Pineal Gland

* Intestine Large, Colon
 * Intestine Small, Jejunum
 * Stomach, Glandular

* Intestine Large, Rectum
 * Lung
 * Thymus

* Intestine Small, Duodenum
 * Pancreas

OBSERVATIONS

* Adrenal Cortex

Capsule

Hyperplasia
 Inflammation

Moderate
 Moderate

Note: Only one available for evaluation.

* Bone Marrow
 * Islets, Pancreatic
 * Kidney

Myeloid Cell

Hyperplasia
 Hyperplasia

Moderate
 Mild

* Liver

Bilateral, Medulla
 Cortex

Infiltration Cellular
 Infiltration Cellular
 Infiltration Cellular
 Carcinoma

Lymphocyte, Minimal
 Lymphocyte, Mild
 Mixed Cell, Focal, Mild

* Salivary Glands

[Carcinoma TGLS = 1-2]

* Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

- Salivary Glands Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 556

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 719
HISTO: 94-5117-556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone * Esophagus * Nose

MISSING

* Blood Vessel * Eye * Lymph Node, Mesenteric * Mammary Gland
 * Ovary * Parathyroid Gland * Pineal Gland * Thyroid Gland
 * Trachea

AUTO PRECLUDES DIAG.

* Adrenal Medulla * Gallbladder * Heart * Intestine Large, Cecum
 * Intestine Large, Colon * Intestine Large, Rectum * Intestine Small, Duodenum * Intestine Small, Ileum
 * Pituitary Gland * Stomach, Forestomach * Thymus * Urinary Bladder

OBSERVATIONS

* Adrenal Cortex Bilateral Lymphoma Malignant
 * Bone Marrow Lymphoma Malignant
 * Brain Cranial Nerve Lymphoma Malignant
 Lymphoma Malignant
 [Lymphoma Malignant TGLS = 3-11]
 * Clitoral Gland Bilateral Cyst Moderate
 Bilateral Lymphoma Malignant
 [Cyst TGLS = 6-8]
 [Lymphoma Malignant TGLS = 6-8]
 Eye
 Note: TGL 4-NST
 * Harderian Gland Lymphoma Malignant
 Note: Only one available for evaluation.
 * Intestine Small, Jejunum Lymphoma Malignant
 * Islets, Pancreatic Lymphoma Malignant
 * Kidney Bilateral Lymphoma Malignant
 * Liver Lymphoma Malignant
 Note: TGL 2-NCL
 * Lung Lymphoma Malignant
 * Lymph Node, Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 556

TRT#: 12

SEX: Female

DAY ON TEST: 719

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-556

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 5-2]		
Mesentery		Lymphoma Malignant
[Lymphoma Malignant TGLS = 8-12]		
* Pancreas		Lymphoma Malignant
* Salivary Glands		Lymphoma Malignant
* Skin		Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-6]		
* Stomach, Glandular		Lymphoma Malignant
* Thymus		
Note: TGL 7-NCL		
* Uterus	Bilateral	Lymphoma Malignant
PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 557 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pineal Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 557	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-557

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 558 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
		Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
	Note: Only one available for evaluation.		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 1-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 558

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-558

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 559

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 701
HISTO: 94-5117-559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	Lymph Node	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Cecum	* Lymph Node, Mesenteric	* Ovary	* Pineal Gland
--------------------------	--------------------------	---------	----------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pituitary Gland			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Capsule	Hyperplasia Sarcoma	Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney	Bilateral Bilateral, Medulla Cortex	Cyst Infiltration Cellular Infiltration Cellular	Mild Lymphocyte, Minimal Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node Note: Mediastinal Lymph Node, TGL 1-NCL			
Mesentery	Fat	Inflammation Sarcoma	Mild
[Sarcoma TGLS = 3-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium Epithelium	Atrophy Cyst	Mild Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 559	TRT#: 12	SEX: Female	DAY ON TEST: 701
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-559

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

Animal Note: Lesion 3 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Mesentery.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 560

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lymphoma Malignant	
* Lymph Node, Mandibular		Hemorrhage	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thymus		Atrophy	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 561

TRT#: 12

SEX: Female

DAY ON TEST: 461

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Urinary Bladder
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Blood Vessel	Adventitia, Aorta	Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Cyst	Moderate
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5]		
* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Inflammation	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 561

TRT#: 12

SEX: Female

DAY ON TEST: 461

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-561

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant

Animal Note: Cavities, Thoracic, Fluid, 2ml, Clear, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 562

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
Note: Only one available for evaluation.			
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 562	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-562

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 563

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 3,5-6; 4-11]		
* Lung		Hemorrhage	Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Hemorrhage TGLS = 6-7]		
	Lymph Node	Ectasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 563	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-563

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 564

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Femur is Normal; Maxilla TGL 6-NST			
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
Eye	Cornea	Inflammation	Mild
[Inflammation TGLS = 4-13.2RC]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-2]			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 564	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-564

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
		Inflammation	Focal, Mild
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 2-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 565	TRT#: 12	SEX: Female	DAY ON TEST: 334
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung Note: TGL 1-NCL			
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 566

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Mammary Gland	* Nose	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 566

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-566

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2,3-11]

[Hyperplasia TGLS = 2,3-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 567

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Skin	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland	Bilateral	Lymphoma Malignant	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pineal Gland		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

[Hematopoietic Cell Proliferation TGLS = 2-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 567	TRT#: 12	SEX: Female	DAY ON TEST: 737
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-567

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 568	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 568

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-568

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 569

TRT#: 12

SEX: Female

DAY ON TEST: 707

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Harderian Gland	* Heart	* Nose	* Parathyroid Gland
* Skin	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mesenteric	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
Lymph Node	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL 4,5-NCL			
Lymph Node			
Note: Axillary Lymph Node is Autolyzed			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Ovary			
Note: TGL 3-NCL			

PRIMARY CAUSE OF DEATH

- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 569

TRT#: 12

SEX: Female

DAY ON TEST: 707

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-569

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Lesion 1 identified grossly as Skin is microscopically identified as occurring in Mammary Gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 570

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Carcinoma TGLS = 4-14]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 1-11, 2-12]		
* Ovary		Cyst	Marked
	[Cyst TGLS = 3-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 570	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-570

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 571

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 733
HISTO: 94-5117-571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Harderian Gland
* Heart	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Thyroid Gland		

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
* Kidney	Medulla	Inflammation	Moderate
	Medulla	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Inflammation	Focal, Moderate
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Spleen			
Note: TGL 2-NCL			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 4-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 571

TRT#: 12

SEX: Female

DAY ON TEST: 733

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-571

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Mesentery Lymphoma Malignant

Animal Note: Animal appears to have been septicemic at death.

Animal Note: Cavities, Abdominal, Fluid, 5cc, Pink, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 572

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Pelvis	Calculus Micro Observation Only	
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		[Hepatocellular Adenoma TGLS = 3-6]	
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Moderate
		Cystadenoma	
		[Cyst TGLS = 2-8]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 572	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-572

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hydrometra TGLS = 1-11]	Bilateral	Hydrometra	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 573 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Moderate
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 573

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-573

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 574

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
		Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pancreas	Acinus	Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 574	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-574

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 575	TRT#: 12	SEX: Female	DAY ON TEST: 288
	DOSE: SHAM CONTROL	DISP: Accidentally Killed	HISTO: 94-5117-575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Harderian Gland	* Heart	* Mammary Gland
* Nose	* Salivary Glands	* Skin	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pineal Gland	* Spleen	* Thymus

AUTO PRECLUDES DIAG.

* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone
 Note: Calvarium is Normal, TGL 1-NCL
 Note: Femur is Normal
* Clitoral GI
 Note: Only one available for evaluation.

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 576

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain			
Note: TGL 4-NCL			
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Ovary			
Note: Only one ovary available for evaluation.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 576	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-576

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 577

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 2-11RT]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Uterus	Bilateral	Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 578 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-12]			
* Ovary	Bilateral	Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Ulcer	Focal, Moderate
[Ulcer TGLS = 2-11]			
* Spleen	Lymph Follicle	Atrophy Hematopoietic Cell Proliferation	Minimal Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 578	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-578

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

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Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 579

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 580

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
* Pituitary Gl			
Note: TGL 3-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Atrophy	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 580

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-580

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06

Test Type: CHRONIC

Route: MAGNETIC FIELDS

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Magnetic fields (EMF)

CAS Number: MAGNETIC

Date Report Requested: 10/19/2014

Time Report Requested: 09:22:49

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 581

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Ileum
* Nose
* Stomach, Forestomach

* Blood Vessel
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Ovary
* Trachea

* Bone
* Gallbladder
* Intestine Large, Rectum
* Lymph Node, Mandibular
* Parathyroid Gland

* Bone Marrow
* Harderian Gland
* Intestine Small, Duodenum
* Mammary Gland
* Skin

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex
* Clitoral Gland

* Intestine Large, Cecum
* Islets, Pancreatic
* Kidney
* Liver
* Lung

Bilateral, Capsule
Bilateral
Bilateral
Lymphoid Tiss

Hyperplasia
Atrophy
Cyst
Hyperplasia
Hyperplasia
Infiltration Cellular
Infiltration Cellular
Alveolar/Bronchiolar Adenoma
Infiltration Cellular
Ectasia
Hemorrhage

Mild
Moderate
Mild
Mild
Minimal
Lymphocyte, Minimal
Mixed Cell, Focal, Mild

Lymphocyte, Mild
Moderate
Moderate

Lymph Node

Lumbar
Lumbar

[Ectasia TGLS = 5-14]
[Hemorrhage TGLS = 5-14]

* Lymph Node, Mesenteric
Mesentery

Fat
Fat

Infiltration Cellular
Inflammation
Necrosis

Histiocyte, Mild
Moderate
Moderate

[Inflammation TGLS = 1-11, 2-12]
[Necrosis TGLS = 4-13]

* Pancreas
* Pituitary Gland
* Salivary Glands

Pars Distalis

Lipomatosis
Hyperplasia
Infiltration Cellular

Mild
Focal, Mild
Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 581	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-581

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-3]		
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 582 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Minimal
Note: Only one clitoral gland available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Eosinophilic Focus TGLS = 3-12RT]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		
* Ovary		Cyst	Mild
Note: Only one ovary available for evaluation.			
* Parathyroid Gland		Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 582	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-582

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hydrometra TGLS = 1-8]	Bilateral	Thymoma Benign Hydrometra	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 583

TRT#: 12

SEX: Female

DAY ON TEST: 542

DOSE: SHAM CONTROL

DISP: Moribund Sacrifice

HISTO: 94-5117-583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Urinary Bladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Moderate
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Necrosis	Moderate
* Spleen	Red Pulp	Atrophy	Moderate
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 584 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild
* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 2-5]		Polyp Adenomatous	
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus	Lymph Follic	Hyperplasia Cyst	Moderate Focal, Mild
* Uterus [Hydrometra TGLS = 1-11]	Bilateral	Hyperplasia Hydrometra	Lymphoid, Minimal Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 585

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Ovary		Atrophy	Mild
	Note: Only one ovary available for evaluation.		
* Pancreas		Angiectasis	Focal, Mild
		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 585	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-585

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Hyperplasia	Lymphoid, Moderate
* Uterus	Hydrometra	Moderate
[Hydrometra TGLS = 3-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 586

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary	Bilateral	Luteoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 586

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-586

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Only one horn available for evaluation.

[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 587

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Carcinoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Eosinophilic Focus TGLS = 3-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Ovary	Bilateral	Cyst	Mild
	[Cyst TGLS = 2-8]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 587	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-587

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 588

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Plasma Cell Tumor Malignant	
	[Plasma Cell Tumor Malignant TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 588

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-588

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 589

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 552
HISTO: 94-5117-589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Liver	* Mammary Gland
* Nose	* Pineal Gland	* Pituitary Gland	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Stomach, Glandular
* Thymus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Lung		Basal Cell Carcinoma	Metastatic (Skin)
[Basal Cell Carcinoma TGLS = 3-7]			
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Lung Basal Cell Carcinoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 590

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone			
Note: Femur is Normal; Maxilla, TGL 3-NST			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 590

TRT#: 12
DOSE: SHAM CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 94-5117-590

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
		Pigmentation	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 591

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Eosinophilic Focus	Multiple, Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Uterus		Angiectasis	Marked
	Bilateral	Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 591

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-591

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 2-8]

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 592	TRT#: 12	SEX: Female	DAY ON TEST: 696
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 2-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 593

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Mild
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 594

TRT#: 12

SEX: Female

DAY ON TEST: 735

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Moderate Mild
* Clitoral Gland		Atrophy Cyst	Mild Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla Cortex	Infiltration Cellular Infiltration Cellular	Lymphocyte, Minimal Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Moderate
* Pituitary Gland	Pars Distalis Pars Intermed Pars Distalis	Adenoma Adenoma	
* Salivary Glands		Hyperplasia Infiltration Cellular	Focal, Moderate Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia Pigmentation	Mild Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 594	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: SHAM CONTROL	DISP: Terminal Sacrifice	HISTO: 94-5117-594

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 595

TRT#: 12

SEX: Female

DAY ON TEST: 667

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland	* Urinary Bladder
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
	Bilateral	Inflammation	Mild
* Heart		Inflammation	Moderate
	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Cortex	Inflammation	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
Note: TGL 2,6-NCL [Hepatocellular Adenoma TGLS = 4-6, 5-11]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 1-NCL			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 595	TRT#: 12	SEX: Female	DAY ON TEST: 667
	DOSE: SHAM CONTROL	DISP: Natural Death	HISTO: 94-5117-595

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Mild
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH	- Heart Atrium Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Heart Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 596

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Focal, Minimal
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus			

Note: TGL 1-NCL

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 597 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 737
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 597

TRT#: 12

SEX: Female

DAY ON TEST: 737

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-597

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

* Uterus

Hydrometra

Moderate

[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 598 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 735
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 599

TRT#: 12

SEX: Female

DAY ON TEST: 691

DOSE: SHAM CONTROL

DISP: Natural Death

HISTO: 94-5117-599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Mammary Gland
* Trachea

* Blood Vessel
* Esophagus
* Nose
* Uterus

* Bone
* Harderian Gland
* Pineal Gland

* Bone Marrow
* Heart
* Thyroid Gland

MISSING

* Lymph Node, Mandibular

* Parathyroid Gland

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Duodenum
* Kidney
* Pancreas
* Stomach, Glandular

* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pituitary Gland
* Urinary Bladder

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Spleen

* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Stomach, Forestomach

OBSERVATIONS

* Adrenal Cortex
* Clitoral Gland

Bilateral, Capsule
Bilateral
Bilateral

Hyperplasia
Atrophy
Cyst
Hepatocellular Carcinoma

Mild
Marked
Mild

* Liver

Note: TGL 3-NCL

[Hepatocellular Carcinoma TGLS = 2-6]

* Salivary Glands
* Skin

Infiltration Cellular
Sarcoma
Ulcer

Lymphocyte, Minimal
Focal, Moderate

[Sarcoma TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 600 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 736
DOSE: SHAM CONTROL **DISP:** Terminal Sacrifice **HISTO:** 94-5117-600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland			
Note: Only one available for evaluation.			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocholangiocarcinoma	
[Hepatocellular Adenoma TGLS = 2-6]			
[Hepatocholangiocarcinoma TGLS = 3-6]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follicle	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 600

TRT#: 12

SEX: Female

DAY ON TEST: 736

DOSE: SHAM CONTROL

DISP: Terminal Sacrifice

HISTO: 94-5117-600

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 601

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-11]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-12, 5-13, 6-14, 7-15]		
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary			
	Note: Only one available for evaluation.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Lymphoma Malignant TGLS = 2,3-6]		
* Thymus		Cyst	Focal, Mild
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 601

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-601

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 602

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Minimal
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 603

TRT#: 4

SEX: Female

DAY ON TEST: 496

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Mineralization	Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
Note: TGL 1-NCL			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-11]			
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
		Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Marked
[Atrophy TGLS = 4-6]			
[Atrophy TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 603	TRT#: 4	SEX: Female	DAY ON TEST: 496
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-603

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Mild
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH - Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung

Animal Note: Carcass, Thin, Found at Trim, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 604

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland		Cyst	Mild
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
Mesentery		Liposarcoma	
[Liposarcoma TGLS = 2-5]			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 604	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-604

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Mesenteric Lymph Node is microscopically identified as Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 605

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
	[Hydrometra TGLS = 2-8]		
	[Hyperplasia TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 605

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-605

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 606

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Nose	* Skin	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Heart		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node		Ectasia	Moderate
[Ectasia TGLS = 4-11]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
* Spleen			
Note: TGL 2-NCL			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: Lesion 4 identified grossly as Mesenteric Lymph Node is microscopically identified as Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 607

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland	* Ovary	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 608

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 2-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 3-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 608

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-608

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 609

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
	Muscularis	Hypertrophy	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cystadenoma	
* Pancreas		Lipomatosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 609

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-609

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 610

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Cyst	Moderate
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas	Acinus	Degeneration	Focal, Mild
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 610

TRT#: 4
DOSE: 0.02 GAUSS

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-610

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 2-8]

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 611 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 672
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Ovary
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 4-6]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-11, 2-12, 5-13]		
* Thymus		Thymoma Malignant	
* Uterus	Bilateral	Hydrometra	Mild
	[Hydrometra TGLS = 3-8]		

PRIMARY CAUSE OF DEATH - Thymus Thymoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 612

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Ovary	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Minimal
Note: Only one available for evaluation.			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 612

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-612

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 613

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery [Necrosis TGLS = 1-5]	Fat	Necrosis	Moderate
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 613

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-613

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 614

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Kidney		Hydronephrosis	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
* Ovary	Bilateral	Atrophy	Mild
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 615

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
---------------------	----------------

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Lymphoma Malignant	
* Ovary		Angiectasis	Mild
	[Angiectasis TGLS = 2-8]		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 615

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-615

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 616

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Cyst	Mild
			[Cyst TGLS = 2-8]
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 616	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-616

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
* Uterus [Hyperplasia TGLS = 1-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 617	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-4]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-6]	Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 617	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-617

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Bilateral, Endometrium	Lymphoma Malignant Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 618	TRT#: 4	SEX: Female	DAY ON TEST: 547
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Pigmentation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 619

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 620

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 9-3]		
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Lymph Node	Mediastinal	Infiltration Cellular	Mixed Cell, Mild
	[Infiltration Cellular TGLS = 7-3]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Inflammation	Moderate
	Fat	Necrosis	Marked
	[Inflammation TGLS = 5-13,1-11]		
	[Necrosis TGLS = 2-12]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 4-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 6-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 620	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-620

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hemangiosarcoma	
		Hydrometra	Moderate
	[Hemangiosarcoma TGLS = 3-8, 8-8]		
	[Hydrometra TGLS = 3-8]		

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 5 identified grossly as Iliac Lymph Node is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 621	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Brain	Thalamus	Mineralization	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Intestine Large, Colon	Serosa	Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-4, 4-12]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mast Cell, Focal, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-11]		
* Mammary Gland	Duct	Dilatation	Mild
* Ovary		Granulosa Cell Tumor Benign	
	[Granulosa Cell Tumor Benign TGLS = 2-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Infiltration Cellular	Mast Cell, Moderate
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Atrophy	Moderate
	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 621	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-621

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 4 identified grossly as Mesentery is identified microscopically as occurring in Int Sm Jejunum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 622

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Mineralization	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Cyst	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
[Inflammation TGLS = 1-11,2-12,3-13]			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 623 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 681
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Pineal Gland	* Spleen
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen			
Note: TGL 2-NST			
* Thymus		Atrophy	Marked
* Urinary Bladder		Carcinoma	
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH - Urinary Bladder Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 624	TRT#: 4	SEX: Female	DAY ON TEST: 692
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Nose	* Ovary	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Urinary Bladder
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Stomach, Forestomach	* Stomach, Glandular	

INSUFFICIENT TISSUE

* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Duct	Dilatation	Mild
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
Note: TGL 4-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 624	TRT#: 4	SEX: Female	DAY ON TEST: 692
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-624

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus [Lymphoma Malignant TGLS = 5-3]		Lymphoma Malignant	
* Uterus [Hyperplasia TGLS = 2-8]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

Animal Note: Cavities, Abdominal, Fluid, 2ml, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 625

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Hypothalamus	Compression	Moderate
	Ventricle	Hydrocephalus	Mild
	[Compression TGLS = 3-1]		
* Clitoral Gland		Cyst	Moderate
	Note: Only one available for evaluation.		
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]	Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland	Duct	Dilatation	Mild
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-3]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 625	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-625

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:49
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 626

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral	Hyperplasia Lymphoma Malignant	Mild
[Lymphoma Malignant TGLS = 6-3]			
* Bone Marrow		Necrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one available for evaluation.			
* Heart	Myocardium	Mineralization	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy Lymphoma Malignant	Mild
* Kidney	Bilateral	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-8]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
[Lymphoma Malignant TGLS = 8-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 626

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-626

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Lymphoma Malignant	
Note: Only one available for evaluation.			
[Lymphoma Malignant TGLS = 1-8]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 627

TRT#: 4

SEX: Female

DAY ON TEST: 665

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Liver	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Mammary Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Stomach, Glandular	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Lung		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 3-7]			
* Ovary		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

- Lung Sarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 628	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Trachea			

MISSING

* Clitoral Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung		Metaplasia	Osseous, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas	Duct	Cyst	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Cyst TGLS = 4-2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 628	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-628

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Moderate

[Hydrometra TGLS = 1-8]
[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 629 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
Note: Only one adrenal available for evaluation.			
* Adrenal Medulla		Pheochromocytoma Benign	
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node		Ectasia	Moderate
		Hemorrhage	Moderate
	Renal	Lymphoma Malignant	
[Ectasia TGLS = 2-11]			
[Hemorrhage TGLS = 2-11]			
[Lymphoma Malignant TGLS = 3-12]			
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 629	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-629

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 630

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Pigmentation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 630

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-630

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 631

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 632

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Mixed Cell, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Minimal
* Thymus		Cyst	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 633 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
* Lung	Alveolus	Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 4-7]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-11]		
	[Lymphoma Malignant TGLS = 5-12RT]		
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 633

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-633

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 634

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Lymphoma Malignant	
		Thymoma Benign	
[Thymoma Benign TGLS = 1-3]			
* Uterus	Bilateral	Atrophy	Mild
	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 634

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-634

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 635 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hemangiosarcoma	
		Lymphoma Malignant	
	[Hemangiosarcoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 635

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-635

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 636

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Moderate
		Clear Cell Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 636

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-636

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 637

TRT#: 4

SEX: Female

DAY ON TEST: 461

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian GI			
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
[Sarcoma TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 637	TRT#: 4	SEX: Female	DAY ON TEST: 461
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-637

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus [Lymphoma Malignant TGLS = 3-3]		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

Animal Note: Lesion 2 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 638	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Heart	Myocardium	Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
Mesentery		Sarcoma	
* Ovary		Cyst	Marked
[Cyst TGLS = 2-8]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Infarct	Marked
[Infarct TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 638	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-638

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 4-11RT]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 639 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Moderate
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Uterus		Inflammation	Chronic, Mild

[Inflammation TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 640

TRT#: 4

SEX: Female

DAY ON TEST: 509

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node Note: Lesion 2 involves Axillary Lymph Node [Sarcoma TGLS = 2-12] [Sarcoma TGLS = 3-5]	Iliac	Sarcoma Sarcoma	Metastatic (Skin) Metastatic (Skin)
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin [Sarcoma TGLS = 1-11]		Sarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 640	TRT#: 4	SEX: Female	DAY ON TEST: 509
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-640

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Sarcoma

Animal Note: Lesion 3 grossly identified as Axillary Lymph Node is microscopically identified as occurring in Iliac Lymph Node.

Animal Note: Lesion 2 grossly identified as Mammary Gland is microscopically identified as occurring in Axillary Lymph Node.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 641 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
* Heart	Myocardium	Degeneration	Mild
	Artery	Inflammation	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-11, 4-12RT]		
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Artery	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 641	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-641

ORGAN AND ACCOUNTABLE SITE STATUS

	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 642

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Orbit, TGL 5-NST; Femur is Normal			
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 642	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-642

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1,2-8]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 643

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
* Gallbladder	Epithelium	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Marked
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 643	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-643

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 644

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung			
Note: TGL 3,4,5-NCL			
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 644

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-644

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 645

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pineal Gland
* Skin	* Stomach, Forestomach	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Sarcoma	
	[Sarcoma TGLS = 3-12]		
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian GI			
	Note: Only one (scant) available for evaluation.		
* Heart	Myocardium	Mineralization	Minimal
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		
* Ovary		Cyst	Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 645	TRT#: 4	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-645

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 3 identified grossly as Bone is microscopically identified as occurring i n Bone Marrow.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 646

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 647	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 647

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-647

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 648

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Diffuse, Moderate
* Clitoral Gland		Atrophy Cyst	Marked Moderate
* Harderian Gland		Adenoma	
* Kidney	Cortex Medulla	Infiltration Cellular Infiltration Cellular	Lymphocyte, Minimal Lymphocyte, Minimal
* Liver	Hepatocyte	Infiltration Cellular Vacuolization Cytoplasmic	Mixed Cell, Focal, Minimal Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: TGL 2-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Angiectasis Atrophy	Moderate Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 648	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-648

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland [Adenoma TGLS = 3-2]		Adenoma	
* Uterus [Hyperplasia TGLS = 1-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 649 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Mild Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Moderate
* Ovary		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Focal, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 649	TRT#: 4	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-649

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 650 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 64
DOSE: 0.02 GAUSS **DISP:** Accidentally Killed **HISTO:** 94-5117-650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone			
Note: Femur is Normal; Bone, Cranium, TGL 3-NST			
* Bone Marrow		Hyperplasia	Mild
* Brain	Ventricle	Hamartoma	Lipomatous
Eye			
Note: TGL 2-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Liver		Developmental Malformation	
* Nose			
Note: Lateral wall and turbinates misaligned and shattered; possible recent fracture.			
Note: TGL 4-NCL			
* Skin			
Note: Skin, face, TGL 1-NST; Skin, neck, TGL 5-NST			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 650

TRT#: 4

SEX: Female

DAY ON TEST: 64

DOSE: 0.02 GAUSS

DISP: Accidentally Killed

HISTO: 94-5117-650

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 651 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 545
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		Necrosis	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Ovary			
Note: TGL 1-NCL			
* Parathyroid Gl			
Note: Only one available for evaluation.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
Note: Only one available for evaluation.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 651

TRT#: 14

SEX: Female

DAY ON TEST: 545

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-651

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 652

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 653

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cytoplasmic Alteration	Moderate
		Infiltration Cellular	Lymphocyte, Mild
	[Cytoplasmic Alteration TGLS = 3-6]		
	[Infiltration Cellular TGLS = 3-6]		
* Intestine Small, Ileum	Muscularis	Hypertrophy	Marked
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Mild
	[Inflammation TGLS = 4-11RT]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
		Lymphoma Malignant	
* Ovary			
	Note: Only one available for evaluation.		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 653	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-653

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 654

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 2-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 654

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-654

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 655 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	Marked
		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Atrophy	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Minimal

[Basophilic Focus TGLS = 2-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 655	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-655

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 656 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 657

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Liposarcoma	
	Fat	Necrosis	Moderate
	[Liposarcoma TGLS = 2-12]		
	[Necrosis TGLS = 1-11]		
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 657

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-657

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thymus

Hyperplasia

Lymphoid, Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 658

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Mesentery		Hemorrhage	Mild
[Hemorrhage TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Angiectasis	Moderate
		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 658

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-658

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 659

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Ventricle	Hydrocephalus	Mild
	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
		Inflammation	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 660	TRT#: 14	SEX: Female	DAY ON TEST: 505
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral	Hyperplasia Lymphoma Malignant	Mild
* Clitoral Gland		Atrophy Cyst	Moderate Mild
Note: Only one available for evaluation.			
* Heart		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
Note: TGL 2-NCL			
* Liver	Hepatocyte	Lymphoma Malignant Vacuolization Cytoplasmic	Marked
[Lymphoma Malignant TGLS = 6-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary	Bilateral	Atrophy	Mild
* Pancreas		Lipomatosis Lymphoma Malignant	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 660	TRT#: 14	SEX: Female	DAY ON TEST: 505
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-660

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Uterus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Lung	Lymphoma Malignant

Animal Note: Carcass, Thin, Found at Trim, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 661 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 698
DOSE: 0.02 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Ovary
Peripheral Nerve	* Pineal Gland	Skeletal Muscle	* Skin
Spinal Cord	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland	Duct	Dilatation	Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Atrophy	Moderate
* Spleen	Red Pulp	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 661	TRT#: 14	SEX: Female	DAY ON TEST: 698
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-661

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Atrophy	Marked
Tissue NOS		Sarcoma	
[Sarcoma TGLS = 2-2]			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Tissue NOS Sarcoma

Animal Note: Carcass, Thin, Found at Trim, TGL 3-NST

Animal Note: Lesion 2 identified grossly as Thyroid Gland is identified microscopically as Tissue NOS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 662

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
* Liver		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 663

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Focal, Mild
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung			
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 663

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-663

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Hyperplasia

Lymphoid, Minimal

* Uterus

Hydrometra

Mild

[Hydrometra TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 664 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
* Pancreas		Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 665

TRT#: 14

SEX: Female

DAY ON TEST: 491

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Nose	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Note: Femur is Normal [Sarcoma TGLS = 1-12]	Sternum	Sarcoma	Metastatic (Mesentery)
* Gallbladder Note: TGL 4-NCL			
* Int Lg Colon Note: TGL 10-NCL			
* Int Sm Duoden Note: TGL 7-NCL			
* Int Sm Ileum Note: TGL 9-NCL			
* Int Sm Jejunum Note: TGL 8-NCL			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Serosa	Sarcoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 665	TRT#: 14	SEX: Female	DAY ON TEST: 491
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-665

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL			
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery		Sarcoma	
[Sarcoma TGLS = 11-11]			
* Ovary		Cyst	Moderate
Note: TGL 5 is not a lesion - missing right ovary.			
Note: Only one available for evaluation.			
* Pancreas		Sarcoma	Metastatic (Mesentery)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
[Atrophy TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: TGL 6-NCL			

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

Animal Note: Lesion 6 identified grossly as Oviduct is microscopically identified as occurrin g in Uterus.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 666

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 1-11]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-8]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 666

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-666

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 667

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Mild
		Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 4-6]			
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 667	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-667

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 668 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 713
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Liver	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thyroid Gland	* Trachea		

MISSING

Lymph Node	* Pineal Gland	* Spleen
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
	Bilateral	Inflammation	Mild
* Islets, Pancreatic		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[Rhabdomyosarcoma TGLS = 6-8]		
* Liver			
	Note: TGL 7-NCL		
* Lung		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[Rhabdomyosarcoma TGLS = 10-7]		
Lymph Node			
	Note: Thoracic Lymph Node is Missing, TGL 9-NST		
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	[Rhabdomyosarcoma TGLS = 1-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 668

TRT#: 14

SEX: Female

DAY ON TEST: 713

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-668

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 2-12, 3-13]	Fat	Necrosis	Moderate
* Ovary		Angiectasis	Mild
* Pancreas		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle [Rhabdomyosarcoma TGLS = 8-14]		Rhabdomyosarcoma	
* Spleen Note: TGL 4-NST			
* Thymus		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
		[Hyperplasia TGLS = 5-8]	
		[Polyp Stromal TGLS = 5-8]	

PRIMARY CAUSE OF DEATH - Lung Rhabdomyosarcoma Skeletal Muscle

Animal Note: Lesions 2 and 3 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Mesentery.

Animal Note: Lesion 8 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Skeletal Muscle.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 669

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 669

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-669

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 670

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pineal Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Infiltration Cellular	Lymphocyte, Minimal
	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Ovary		Cyst	Mild
		Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 670	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-670

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 671

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Medulla

Note: Only one available for evaluation.

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Mineralization	Minimal

Note: TGL 7-NCL

* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 671	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-671

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-12]		
	[Lymphoma Malignant TGLS = 2-11]		
	[Lymphoma Malignant TGLS = 10-3]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-5]		
* Ovary		Luteoma	
* Pancreas		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Mild
	[Lymphoma Malignant TGLS = 4-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 9-3]		
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 4 identified grossly as Pancreatic Lymph Node is microscopically identified as Pancreas.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 672	TRT#: 14	SEX: Female	DAY ON TEST: 723
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Nose
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Ovary
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 2-NCL			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 5-12RT]		
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-7]		
* Lymph Node, Mandibular		Atrophy	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 672

TRT#: 14

SEX: Female

DAY ON TEST: 723

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-672

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 673

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node	Renal	Ectasia	Moderate
		Hemorrhage	Moderate
	[Ectasia TGLS = 3-11]		
	[Hemorrhage TGLS = 3-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Granulosa Cell Tumor Benign	
	Note: Only one available for evaluation.		
	Note: TGL 2-NCL		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 673	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-673

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 674	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
	Epithelium	Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 675

TRT#: 14

SEX: Female

DAY ON TEST: 705

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Cyst	Multiple, Moderate
	Bilateral, Cortex, Renal Tubule	Degeneration	Marked
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	[Degeneration TGLS = 1-8]		
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
* Ovary	Bilateral	Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Rathkes Cleft	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 675	TRT#: 14	SEX: Female	DAY ON TEST: 705
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-675

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-3]			
* Salivary Glands	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Red Pulp	Atrophy	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
[Atrophy TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
* Uterus		Amyloid Deposition	Mild
		Angiectasis	Moderate
		Lymphoma Malignant	
[Amyloid Deposition TGLS = 5-12RT]			
[Lymphoma Malignant TGLS = 5-12RT]			

PRIMARY CAUSE OF DEATH - Kidney Bilateral Cortex Renal Tubule Degeneration

Animal Note: Carcass, Thin, Found at Trim, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 676

TRT#: 14

SEX: Female

DAY ON TEST: 721

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Harderian Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Pineal Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder		Histiocytic Sarcoma	
* Heart	Myocardium	Degeneration	Mild
	Myocardium	Mineralization	Mild
* Kidney	Bilateral	Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 5-11]	
		[Histiocytic Sarcoma TGLS = 7-3]	
		[Histiocytic Sarcoma TGLS = 6-11]	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 2-2]	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 676

TRT#: 14

SEX: Female

DAY ON TEST: 721

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-676

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 8-5]		
* Ovary	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-8]		
* Salivary Glands	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-2]		
* Spleen	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-6]		
* Stomach, Glandular	Ulcer	Focal, Moderate
* Thymus	Histiocytic Sarcoma	
* Uterus	Angiectasis	Marked
	Hydrometra	Moderate
	Thrombosis	Moderate
[Hydrometra TGLS = 9-8]		

PRIMARY CAUSE OF DEATH - Lung Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 677

TRT#: 14

SEX: Female

DAY ON TEST: 603

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Harderian Gland	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Lymph Node, Mesenteric
* Pineal Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Bone	Femur	Osteosarcoma	
Note: Neoplasm in bone appears benign but widespread metastases present.			
* Heart		Osteosarcoma	Metastatic (Bone)
* Kidney		Osteosarcoma	Metastatic (Bone)
* Liver			
Note: TGL 2-NCL			
* Lung	Mediastinum	Alveolar/Bronchiolar Adenoma	
		Osteosarcoma	Metastatic (Bone)
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 3-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- Lung Osteosarcoma Bone

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 678	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland	* Thyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 679 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 667
DOSE: 0.02 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Stomach, Glandular	* Urinary Bladder
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pineal Gland
* Spleen			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney			
Note: TGL 1-NCL			
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Carcinoma TGLS = 2-11]		
	[Vacuolization Cytoplasmic TGLS = 3-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary			
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Marked
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 679

TRT#: 14

SEX: Female

DAY ON TEST: 667

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-679

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 680 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

[Hematopoietic Cell Proliferation TGLS = 1,2-6]

[Lymphoma Malignant TGLS = 1,2-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 680

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-680

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Infiltration Cellular

Lymphocyte, Mild

* Thymus

Lymphoma Malignant

* Uterus

Hydrometra

Moderate

Endometrium

Hyperplasia

Cystic, Moderate

[Hydrometra TGLS = 3-8]

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 681	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Hypothalamus	Compression	Moderate
[Compression TGLS = 3-1]			
* Clitoral Gland	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Metaplasia	Osseous, Focal, Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 682

TRT#: 14

SEX: Female

DAY ON TEST: 559

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
 * Esophagus
 * Parathyroid Gland

* Blood Vessel
 * Heart
 * Thyroid Gland

* Bone
 * Mammary Gland
 * Trachea

* Brain
 * Nose

MISSING

* Clitoral Gland
 * Salivary Glands

* Harderian Gland

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Bone Marrow
 * Intestine Large, Rectum
 * Kidney
 * Pineal Gland
 * Stomach, Glandular

* Gallbladder
 * Intestine Small, Duodenum
 * Liver
 * Pituitary Gland
 * Thymus

* Intestine Large, Cecum
 * Intestine Small, Ileum
 * Ovary
 * Spleen
 * Urinary Bladder

* Intestine Large, Colon
 * Intestine Small, Jejunum
 * Pancreas
 * Stomach, Forestomach
 * Uterus

OBSERVATIONS

* Adrenal Cortex
 * Islets, Pancreatic
 * Lung

Bilateral, Capsule

Hyperplasia
 Hyperplasia
 Alveolar/Bronchiolar Carcinoma
 Infiltration Cellular

Mild
 Mild

Alveolus

[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]

Histiocyte, Moderate

* Skin Hemangioma

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 683 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 683

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-683

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 684

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-8]			
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 684	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-684

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Moderate

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 685

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 3-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Ectasia	Moderate
[Ectasia TGLS = 2-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Marked
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 685

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-685

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 686

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Angiectasis	Mild
* Clitoral Gland	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Mixed Cell Focus	Marked
[Mixed Cell Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Parathyroid Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 687

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Trachea	

MISSING

* Clitoral Gland	* Ovary	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Multiple, Mild
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-6, 3-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 687	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-687

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Marked
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 688 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Pineal Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Bone, Maxilla, TGL 6-NST			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Moderate
Eye	Lens	Degeneration	Moderate
[Degeneration TGLS = 4-11]			
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Marked
Note: Only one available for evaluation.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 688	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-688

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 689 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 737
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Clear Cell Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Skin		Sarcoma	
	[Sarcoma TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 689

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-689

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Atrophy	Moderate
* Uterus	Bilateral, Endometrium	Cyst	Mild
		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 690 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 691 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 387
DOSE: 0.02 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Nose	* Ovary	Peripheral Nerve
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Heart	Myocardium	Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
Perph Nerve Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 691	TRT#: 14	SEX: Female	DAY ON TEST: 387
	DOSE: 0.02 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-691

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 692

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Nose	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	Bilateral	Lymphoma Malignant	
[Degeneration TGLS = 3-8]			
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery		Liposarcoma	
[Liposarcoma TGLS = 5-11RT]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 692	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-692

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
[Hyperplasia TGLS = 4-3]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavity, Abdominal, Fluid, 5cc, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 693

TRT#: 14

SEX: Female

DAY ON TEST: 729

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Small, Ileum		Lymphoma Malignant	
* Islets, Pancreatic		Degeneration	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Marked
[Cyst TGSL = 3-8]			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 693

TRT#: 14

SEX: Female

DAY ON TEST: 729

DOSE: 0.02 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-693

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 4-NCL

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

- Intestine Small, Ileum Lymphoma Malignant

Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 694

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
* Intestine Large, Cecum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Glomerulus	Inflammation	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-12]		
	[Lymphoma Malignant TGLS = 2-11]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5]		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 694	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-694

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 695

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Capsule	Degeneration Hyperplasia Myelofibrosis	Fatty, Moderate Mild Mild
* Bone Marrow		Mineralization	Mild
* Brain Note: TGL 3-NCL	Thalamus		
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Pancreas		Lipomatosis	Moderate
* Pituitary Gland [Adenoma TGLS = 2-3]	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus		Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 695

TRT#: 14

SEX: Female

DAY ON TEST: 737

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-695

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 696

TRT#: 14

SEX: Female

DAY ON TEST: 665

DOSE: 0.02 GAUSS

DISP: Natural Death

HISTO: 94-5117-696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 3-NCL			
* Liver	Hepatocyte	Infiltration Cellular	Mixed Cell, Focal, Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-2]			
* Ovary		Hemorrhage	Marked
Note: Only one available for evaluation.			
[Hemorrhage TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 696	TRT#: 14	SEX: Female	DAY ON TEST: 665
	DOSE: 0.02 GAUSS	DISP: Natural Death	HISTO: 94-5117-696

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-8]			

PRIMARY CAUSE OF DEATH - Ovary Hemorrhage

Animal Note: Lesion 4 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 697

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary	* Pineal Gland		
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Moderate
Note: Only one available for evaluation.			
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-12]			
[Histiocytic Sarcoma TGLS = 2-11]			
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 697

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-697

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Fibrosis	Focal, Mild
		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Histiocytic Sarcoma TGLS = 1-6]		
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Histiocytic Sarcoma	
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 698 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 735
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Uterus	Bilateral	Hydrometra	Marked

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 698

TRT#: 14

SEX: Female

DAY ON TEST: 735

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-698

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 699

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-7]	Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-7]		
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Ovary		Hemangioma	
	[Hemangioma TGLS = 2-8]		
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 699	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 0.02 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-699

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Hyperplasia TGLS = 3-6]

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 700 **TRT#:** 14 **SEX:** Female **DAY ON TEST:** 736
DOSE: 0.02 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 700

TRT#: 14

SEX: Female

DAY ON TEST: 736

DOSE: 0.02 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-700

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 701

TRT#: 6

SEX: Female

DAY ON TEST: 513

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
Oviduct	* Pineal Gland	* Salivary Glands	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Parathyroid Gland	Vagina
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Cerebellum	Developmental Malformation	Focal, Mild
* Clitoral GI			
Note: TGL 8-NST			
* Intestine Small, Jejunum		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 3-4]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Cortex	Accumulation, Hyaline Droplet Infiltration Cellular	Moderate Plasma Cell, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Sarcoma	Metastatic (Skin)
* Mammary Gland	Duct	Dilatation Hyperplasia	Mild Mild
* Ovary			
Note: TGL 4-NCL			
Note: Only one available for evaluation.			
Oviduct			
Note: Only one available for evaluation.			
Note: TGL 5-NCL			
* Pancreas		Sarcoma	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 701	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 513 HISTO: 94-5117-701
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
Skeletal Muscle		Degeneration	Moderate
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation Infiltration Cellular	Moderate Plasma Cell, Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Infiltration Cellular TGLS = 2-6]			
* Stomach, Forestomach		Inflammation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus			
Note: TGL 6-NCL			
Vagina			
Note: TGL 7-NST			

PRIMARY CAUSE OF DEATH	- Skin Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Sarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 702

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	
	[Basophilic Focus TGLS = 5-6]		
	[Hepatocellular Adenoma TGLS = 6-12]		
Lymph Node		Ectasia	Moderate
	[Ectasia TGLS = 3-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 702	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-702

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 3 identified grossly as Mesentery is microscopically identified as occurring in Lymph Node (NOS).

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 703

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Multiple, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-2]			
* Pancreas		Lipomatosis	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 703

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-703

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 704

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Inflammation	Focal, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 704

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-704

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 705 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Trachea

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
Note: TGL 1-NCL			
* Gallbladder		Lymphoma Malignant	
* Harderian Gland	Bilateral	Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 5-5]			
* Intestine Small, Ileum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Minimal
* Pineal Gland		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 705

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-705

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 706

TRT#: 6

SEX: Female

DAY ON TEST: 21

DOSE: 2 GAUSS

DISP: Accidentally Killed

HISTO: 94-5117-706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Pineal Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-7]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 707

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 2-8]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 708 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Plasma Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Marked
		Lymphoma Malignant	
[Cyst TGLS = 2-8]			
[Lymphoma Malignant TGLS = 1-8]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hemangioma	
	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 708

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-708

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangioma TGLS = 4-8]

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 709

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Necrosis	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 710

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 3-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

Animal Note: Cavity, Abdominal, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 711

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Sarcoma	
[Sarcoma TGLS = 5-8]			
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Uterus	Bilateral	Hydrometra	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 711

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-711

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 712 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Clear Cell Focus TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 4-11]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas	Acinus	Hypertrophy	Focal, Minimal
		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 712	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-712
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral Endometrium	Hydrometra Hyperplasia	Marked Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 713

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland		Inflammation	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 713

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-713

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 714

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mesentery	Fat	Inflammation	Mild
	Fat	Necrosis	Moderate
[Inflammation TGLS = 1-11]			
[Necrosis TGLS = 2-12, 3-13]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 715

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-11]		
* Ovary		Cyst	Minimal
	Note: Only one available for evaluation.		
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 715	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-715

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		Pigmentation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 716

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Minimal
* Ovary		Cyst	Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 716

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-716

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 717

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Hemangiosarcoma TGLS = 6-6]	
		[Hepatocellular Carcinoma TGLS = 7-13]	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 717	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-717
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Inflammation TGLS = 1-11, 2-12]	Fat	Inflammation	Mild
* Ovary [Cyst TGLS = 4-8]		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Angiectasis	Mild
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 718

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 4-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 718

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-718

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Inflammation

Focal, Mild

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 719

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Heart	Myocardium	Necrosis	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung			
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular		Inflammation	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 720

TRT#: 6

SEX: Female

DAY ON TEST: 688

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Heart
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Thyroid Gland	* Trachea	

MISSING

* Blood Vessel

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral	Lymphoma Malignant	
* Lung		Lymphoma Malignant	
		Metaplasia	Osseous, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen			
Note: TGL 2-NCL			
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 721

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Pituitary Gland
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Necrosis	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-12]			
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 721	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-721
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Epithelium	Cyst	Focal, Minimal
* Uterus	Follicle	Cyst	Minimal
[Hyperplasia TGLS = 2-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 722

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Marked
* Bone			
Note: Calvarium, TGL 6-NCL			
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatodiaphragmatic Nodule	
[Hepatocellular Adenoma TGLS = 3,4-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-11]			
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1,2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 722

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-722

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 723

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Ectasia	Moderate
* Ovary		Luteoma	
Note: TGL 2-NCL			
[Luteoma TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 723

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-723

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 724

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 724

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-724

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 725

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 725

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-725

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 726

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule Zona Fascult	Degeneration Hyperplasia Hypertrophy	Fatty, Mild Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 3-11RT]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy Infiltration Cellular	Moderate Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas	Duct	Cyst Lipomatosis	Moderate Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 726

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-726

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 727

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Medulla

Note: Only one available for evaluation.

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 9-13RT]		
	[Hepatocellular Adenoma TGLS = 8-6]		
	[Hepatocellular Carcinoma TGLS = 6-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 727	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-727
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ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary [Cyst TGLS = 4-8]		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland [Adenoma TGLS = 7-2]		Adenoma	
* Uterus [Hydrometra TGLS = 2,3-8]	Bilateral	Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 728

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Blood Vessel	* Clitoral Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla Cortex	Infiltration Cellular Metaplasia Hematopoietic Cell Proliferation	Lymphocyte, Mild Osseous, Focal, Mild Mild
* Liver			
Note: TGL 3-NCL			
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Reticulum Cell, Minimal Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Mild
	[Hydrometra TGLS = 2-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 728

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-728

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 729

TRT#: 6

SEX: Female

DAY ON TEST: 578

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Pituitary Gland	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Dilatation	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung	Mediastinum	Schwannoma Malignant	Metastatic (Skin)
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
	Acinus	Hypertrophy	Focal, Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Plasma Cell Tumor Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 729	TRT#: 6	SEX: Female	DAY ON TEST: 578
	DOSE: 2 GAUSS	DISP: Natural Death	HISTO: 94-5117-729

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Plasma Cell Tumor Malignant TGLS = 2-6]

* Stomach, Forestomach		Ulcer	Focal, Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
		Cyst	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 730

TRT#: 6

SEX: Female

DAY ON TEST: 606

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Liver		Clear Cell Focus	Moderate
Note: TGL 3-NCL			
* Pancreas		Lipomatosis	Moderate
Note: TGL 2-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 731

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Marked
		Hepatocellular Adenoma	
	[Basophilic Focus TGLS = 4-6]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 731

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-731

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 732

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Nose
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mesenteric	* Urinary Bladder
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Blood Vessel	Adventitia, Aorta	Inflammation	Chronic Active, Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
* Heart	Epicardium	Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 7-4]		
* Intestine Large, Rectum	Serosa	Inflammation	Chronic Active, Mild
* Intestine Small, Duodenum		Leiomyosarcoma	
* Intestine Small, Ileum	Serosa	Inflammation	Mild
* Intestine Small, Jejunum	Serosa	Inflammation	Mild
* Islets, Pancreatic		Inflammation	Chronic Active, Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Serosa	Inflammation	Moderate
* Lym Node Mesen			
Note: TGL 8-NST			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 732	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-732
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery		Leiomyosarcoma	Metastatic (Intestine Small, Duodenum)
[Leiomyosarcoma TGLS = 3-13]			
* Ovary		Cyst	Moderate
		Inflammation	Chronic Active, Moderate
Note: Only one available for evaluation.			
[Cyst TGLS = 5-8]			
* Pancreas		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
Tissue NOS		Inflammation	Chronic Active, Moderate
		Leiomyosarcoma	Metastatic (Intestine Small, Duodenum)
[Inflammation TGLS = 9-11]			
[Leiomyosarcoma TGLS = 1-12]			
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 1 identified grossly as Renal Lymph Node is microscopically identified as occurring in Tissue NOS.

Animal Note: Leiomyosarcoma in Tissue NOS appears as a myxosarcoma; most likely result of myxomatous differentiation in a focus of metastatic leiomyosarcoma from duodenum.

Animal Note: Lesion 9 identified grossly as Lung is microscopically identified as occurring in Tissue NOS.

Animal Note: Cavities, Thoracic, Fluid, 2 cc, Opaque, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 733

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Blood Vessel	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 734

TRT#: 6

SEX: Female

DAY ON TEST: 670

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Parathyroid Gland	* Pineal Gland	
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Uterus

INSUFFICIENT TISSUE

* Clitoral Gland	* Pituitary Gland		
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OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia Infiltration Cellular	Fatty, Mild Moderate Lymphocyte, Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Medulla	Vacuolization Cytoplasmic	Moderate
* Liver	Hepatocyte		
* Ovary			
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:50
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 735 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-11]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-8]			
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 735

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-735

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 736

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 736

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-736

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 737

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule Bilateral, Capsule	Adenoma Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 5-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland		Adenoma	
	[Adenoma TGLS = 1-11]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-5]		
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 737	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-737

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Bilateral	Hydrometra	Marked
Note: TGL 3-NCL [Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 1 identified grossly as Axillary Lymph Node is microscopically identified as occurring in Mammary Gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 738

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Capsule	Degeneration Hyperplasia	Fatty, Mild Mild
Note: Only one available for evaluation.			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
Note: TGL 2-NCL			
* Clitoral Gland	Bilateral	Cyst	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Degeneration Infiltration Cellular	Mild Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Reticulum Cell, Mild Histiocyte, Mild
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 738

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-738

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 739 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 694
DOSE: 2 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pineal Gland	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
Note: Only one available for evaluation.			
Note: Only one available for evaluation.			
* Islets, Pancreatic		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen			
Note: TGL 1-NCL			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
* Uterus	Cervix	Angiectasis	Marked
	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 739

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-739

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 2-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 740

TRT#: 6

SEX: Female

DAY ON TEST: 578

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
	[Degeneration TGLS = 3-8]		
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 4-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal
		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-11]		
* Spleen	Lymph Follic	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 740	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 578 HISTO: 94-5117-740
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 741

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pineal Gland	* Skin	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Glomer	Hyperplasia Hyperplasia Hyperplasia	Mild Focal, Mild Mild
* Adrenal Medulla			
* Bone			
Note: TGL 5-NCL			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy Cyst	Marked Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex Bilateral, Medulla	Infiltration Cellular Infiltration Cellular Eosinophilic Focus	Lymphocyte, Mild Lymphocyte, Minimal Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic Lymphoma Malignant	Mild Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-5]			
* Nose		Lymphoma Malignant	
* Pancreas	Acinus	Cytoplasmic Alteration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 741	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-741
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Vacuolization Cytoplasmic	Mild
* Salivary Glands		Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Mild
	Bilateral	Lymphoma Malignant	
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 742	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Accidentally Killed	DAY ON TEST: 54 HISTO: 94-5117-742
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Heart	* Mammary Gland	* Thymus
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MISSING

* Blood Vessel	* Clitoral Gland	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Thyroid Gland		

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Note: Calvarium, TGL 2-NST; Femur is Normal			
* Skin [Hemorrhage TGLS = 1-11]		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 743 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia Infiltration Cellular	Moderate Lymphocyte, Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Cyst	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus Infiltration Cellular	Mild Mixed Cell, Focal, Minimal
[Eosinophilic Focus TGLS = 5-12RT]			
* Lymph Node, Mandibular		Hyperplasia	Moderate
Mesentery	Fat	Inflammation	Mild
	Fat	Necrosis	Moderate
[Inflammation TGLS = 2-5]			
[Necrosis TGLS = 3-11]			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 743	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-743
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 744

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-11]		
* Ovary		Cyst	Marked
	Note: Only one ovary available for evaluation.		
	[Cyst TGLS = 2-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland		Inflammation	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 744	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-744
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus [Hydrometra TGLS = 1-8]	Bilateral	Hydrometra	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 745 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary		Atrophy	Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 745

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-745

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 746

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Moderate
	Hepatocyte	Lymphoma Malignant	
		Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 3-11]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 2-12]		
* Ovary	Bilateral	Cyst	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 746	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-746

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 747

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
		Inflammation	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 748 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 737
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
Note: A moderate cyst is present in one adrenal cortex.			
* Bone Marrow		Atrophy	Minimal
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Bilateral	Cyst	Mild
		Inflammation	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Angiectasis	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

[Angiectasis TGLS = 1-8]
[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 749

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Islets, Pancreatic
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Heart	Myocardium	Mineralization	Mild
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
		[Histiocytic Sarcoma TGLS = 3-6]	
		[Necrosis TGLS = 3-6]	
* Lung	Mediastinum	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Moderate
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 749	TRT#: 6 DOSE: 2 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 692 HISTO: 94-5117-749
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Histiocytic Sarcoma TGLS = 2-6]		
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 750

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-11]			
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 750

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-750

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 751

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-5]			
* Ovary		Angiectasis	Moderate
* Pancreas	Duct	Cyst	Marked
[Cyst TGLS = 3-2]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 751

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-751

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 752

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy Cyst	Mild Moderate
Note: Only one of pair available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-5]			
* Ovary		Thrombosis	Marked
[Thrombosis TGLS = 3-8]			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Mild Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 752

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-752

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 2-8]

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 753

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5116-753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Ventricle	Hamartoma	Lipomatous
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Developmental Malformation	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
[Developmental Malformation TGLS = 2-11RT]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
Note: Only one ovary available for evaluation.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Thymus		Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 754

TRT#: 16

SEX: Female

DAY ON TEST: 721

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Pineal Gland	* Spleen
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Marked Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Ovary	Bilateral	Atrophy Cyst	Moderate Moderate
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen			
Note: TGL 1-NST			
* Thymus		Atrophy	Marked
Tissue NOS		Schwannoma Benign	
[Schwannoma Benign TGLS = 2-3]			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 754

TRT#: 16

SEX: Female

DAY ON TEST: 721

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-754

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Tissue NOS Schwannoma Benign

Animal Note: Lesion 2 identified grossly as Thymus is microscopically identified as occurring in Tissue NOS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 755

TRT#: 16

SEX: Female

DAY ON TEST: 659

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Ovary	Bilateral	Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Pigmentation	Moderate
Note: TGL 2-NCL			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Carcass, Thin, Found at Trim, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 756 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Artery	Inflammation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 756

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-756

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 757 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Moderate Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Cortex	Degeneration Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Mixed Cell Focus Plasma Cell Tumor Malignant	Mild Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 757

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-757

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral

Hydrometra

Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 758

TRT#: 16

SEX: Female

DAY ON TEST: 654

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Brain	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pituitary Gland	* Spleen	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Mild Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Liver	Bilateral Hepatocyte	Cyst Vacuolization Cytoplasmic	Moderate Mild
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas	Duct	Cyst	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen			
Note: TGL 1-NCL			
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Mild
[Hydrometra TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 758

TRT#: 16

SEX: Female

DAY ON TEST: 654

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-758

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 759	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 760 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 760

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-760

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 761

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus		Angiectasis	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Angiectasis TGLS = 2-8]

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 762

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Mild Mild
* Clitoral Gland		Atrophy Cyst	Marked Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Bilateral	Hyperplasia	Moderate
* Islets, Pancreatic	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Moderate
* Liver		Hepatocellular Adenoma Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 3-12RT]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Ovary		Cyst Cystadenoma	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 762	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-762

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 763	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 764

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 5-11]		
	[Hepatocellular Carcinoma TGLS = 4-6]		
Lymph Node	Lumbar	Ectasia	Moderate
	Lumbar	Hemorrhage	Mild
	[Ectasia TGLS = 3-12]		
	[Hemorrhage TGLS = 3-12]		
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 764	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-764

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-6]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 765

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary			
	Note: Only one ovary available for evaluation.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 765

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-765

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8.1RC]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 766

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian GI			
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
	Serosa	Inflammation	Mild
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Parathyroid Gland		Inflammation	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 766	TRT#: 16 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-766
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal
* Uterus [Hyperplasia TGLS = 1-8]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 767 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Myelofibrosis	Mild
* Brain	Hypothalamus	Compression	Moderate
	Thalamus	Mineralization	Mild
	[Compression TGLS = 5-1]		
* Clitoral Gland		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 2-6, 3-11]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-3]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 767

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-767

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Lymphoma Malignant TGLS = 1-6]

* Thymus

Hyperplasia

Lymphoid, Mild

* Thyroid Gland

Adenoma

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 768 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Pineal Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Moderate
Note: TGL 4-NCL			
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-2]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
[Adenoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 768	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-768

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 5 identified grossly as Pancreas is microscopically identified as Mesente ry.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 769

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Blood Vessel	Adventitia, Aorta	Lymphoma Malignant	
* Clitoral Gland	Bilateral	Atrophy	Marked
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 770

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Bilateral, Zona Fasciculata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Clitoral Gland	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follicle	Hyperplasia	Moderate
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 771

TRT#: 16

SEX: Female

DAY ON TEST: 472

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Clitoral Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one available for evaluation.			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Artery	Inflammation	Mild
* Liver		Clear Cell Focus	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	Lymph Follic	Necrosis	Mild
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Hyperplasia TGLS = 1-6]	
		[Necrosis TGLS = 1-6]	
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus	Thymocyte	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 771

TRT#: 16
DOSE: 2 GAUSS

SEX: Female
DISP: Natural Death

DAY ON TEST: 472
HISTO: 94-5117-771

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hydrometra TGLS = 2-8]

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 772

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Kidney		Lymphoma Malignant	
* Liver Note: TGL 4-NCL [Lymphoma Malignant TGLS = 3-6]		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Ovary Note: TGL 2-NCL			
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 772	TRT#: 16	SEX: Female	DAY ON TEST: 735
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-772

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 773

TRT#: 16

SEX: Female

DAY ON TEST: 645

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
Peripheral Nerve	* Pineal Gland	* Pituitary Gland	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Clitoral GI			
Note: Only one available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary			
Note: Only one available for evaluation.			
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 773

TRT#: 16

SEX: Female

DAY ON TEST: 645

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-773

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 774 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 736
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 1-11]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 775

TRT#: 16

SEX: Female

DAY ON TEST: 659

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Islets, Pancreatic	* Pineal Gland
------------------	----------------------	----------------

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland	Duct	Dilatation	Moderate
Mesentery		Liposarcoma	
[Liposarcoma TGLS = 3-2]			
* Ovary			
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 4-11]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
Note: Hema Cell Prol (myeloid)			
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 775

TRT#: 16

SEX: Female

DAY ON TEST: 659

DOSE: 2 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-775

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Mesentery Liposarcoma

Animal Note: Lesion 3 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

Animal Note: Carcass, Thin, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 776 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Moderate
		[Eosinophilic Focus TGLS = 3-6]	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Moderate
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-11]	
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 776

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-776

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Hyperplasia

Lymphoid, Mild

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 777

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Bone

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Harderian Gland		Adenoma	
	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 777

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-777

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 778	TRT#: 16 DOSE: 2 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 581 HISTO: 94-5117-778
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Harderian Gland	* Mammary Gland	* Nose	* Skin

MISSING

* Blood Vessel	* Clitoral Gland	* Lymph Node, Mandibular	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Mild
* Heart		Lymphoma Malignant	
* Kidney Note: Only one available for evaluation.			
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pineal Gland		Lymphoma Malignant	
* Spleen [Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus [Hydrometra TGLS = 1-8]	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 778

TRT#: 16

SEX: Female

DAY ON TEST: 581

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-778

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 779 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 645
DOSE: 2 GAUSS **DISP:** Moribund Sacrifice **HISTO:** 94-5117-779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Gallbladder	Epithelium	Vacuolization Cytoplasmic	Mild
* Int Lg Cecum			
Note: TGL 6-NCL			
* Intestine Small, Duodenum		Mesothelioma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney			
Note: TGL 2-NCL			
* Liver	Serosa	Mesothelioma Malignant	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Mesothelioma Malignant	
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Mesothelioma Malignant	
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-11, 7-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 779	TRT#: 16 DOSE: 2 GAUSS	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 645 HISTO: 94-5117-779
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Mild Marked
* Stomach, Forestomach	Epithelium Serosa	Atrophy Mesothelioma Malignant	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
Tissue NOS [Sarcoma TGLS = 4-12]		Sarcoma	
* Uterus [Hyperplasia TGLS = 3-8]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavities, Abdominal, Fluid, Red, TGL 1-NST

Animal Note: Lesion 4 identified grossly as Ovaries is microscopically identified as Tissue N OS.

Animal Note: Lesion 7 identified grossly as Diaphragm is microscopically identified as Peritoneum.

Animal Note: Carcass, Thin, Observed at Trim, TGL 8-NST

Animal Note: Lesion 5 identified grossly as Stomach is microscopically identified as Peritoneum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 780

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Moderate
	Thalamus	Mineralization	Mild
[Compression TGLS = 2-1]			
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 780

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-780

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 781

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8.1RC]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 782

TRT#: 16

SEX: Female

DAY ON TEST: 521

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric

INSUFFICIENT TISSUE

* Lymph Node, Mandibular	* Pineal Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral GI			
Note: Only one gland available for evaluation.			
* Kidney	Medulla	Inflammation	Minimal
* Lung		Congestion	Mild
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
[Atrophy TGLS = 1-6]			
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Mild
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 783

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 784

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		[Basophilic Focus TGLS = 4-6]	
		[Hepatocellular Adenoma TGLS = 4-6]	
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary		Angiectasis	Moderate
		Cyst	Mild
		[Cyst TGLS = 2-8]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 3-6]	
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 784

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-784

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 785

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Mammary Gland [Dilatation TGLS = 1-5]	Duct	Dilatation	Moderate
* Parathyroid Gland		Inflammation	Focal, Mild
* Pituitary Gland [Adenoma TGLS = 2-3]	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 785

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-785

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Infiltration Cellular	Lymphocyte, Mild
* Thymus	Hyperplasia	Lymphoid, Mild
* Uterus	Hydrometra	Mild
	Endometrium	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 786 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 786	TRT#: 16	SEX: Female	DAY ON TEST: 735
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-786

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
	[Hydrometra TGLS = 2-8]		
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 787

TRT#: 16
DOSE: 2 GAUSS

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 94-5117-787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
Note: TGL 1-NCL			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Note: TGL 3-NCL

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 788

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Infiltration Cellular	Lymphocyte, Focal, Mild
* Brain	Ventricle	Hamartoma	Lipomatous
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Developmental Malformation	
		Infiltration Cellular	Mixed Cell, Focal, Mild
Lymph Node		Ectasia	Moderate
		Hemorrhage	Moderate
[Ectasia TGLS = 3-12]			
[Hemorrhage TGLS = 3-12]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 788	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-788

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 3 identified grossly as Mesentery is microscopically identified as occurring in Lymph Node (NOS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 789

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
Lymph Node		Infiltration Cellular	Mast Cell, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Inflammation	Moderate
		Sarcoma	
Note: The sarcoma is of mast cell origin.			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 1-8]

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 790

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
Eye	Cornea	Inflammation	Mild
[Inflammation TGLS = 4-11]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-2]			
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas		Lipomatosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 790	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-790

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Hyperplasia TGLS = 3-6]		
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 2-8.1RC]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 791

TRT#: 16
DOSE: 2 GAUSS

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 94-5117-791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Eosinophilic Focus TGLS = 3-12RT]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: TGL 1-NCL			
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 791

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-791

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Lymphoid, Minimal

[Hyperplasia TGLS = 2-8]

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 792

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]		Mixed Cell Focus	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Ovary		Cyst	Mild
		Granulosa Cell Tumor Benign	
[Cyst TGLS = 2-8]			
* Pancreas		Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 792	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-792

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 5 identified grossly as Mesentery is microscopically identified as occurring in Mesenteric Lymph Node.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 793

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Pancreas	* Pineal Gland	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Mild Mild
* Bone Note: TGL 8-NCL			
* Bone Marrow		Hyperplasia	Mild
* Brain Note: TGL 10-NCL	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Harderian Gland [Adenoma TGLS = 7-2]		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Degeneration Infiltration Cellular	Mild Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-5]		Lymphoma Malignant	
* Mammary Gland [Dilatation TGLS = 2-5]	Duct	Dilatation Hyperplasia	Mild Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 793	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-793

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary Note: TGL 5-NCL		Lymphoma Malignant	
* Pituitary Gl Note: TGL 9-NST			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin [Sarcoma TGLS = 1-12]		Sarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus [Hydrometra TGLS = 4-8]	Bilateral	Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 794 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 794

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-794

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 795

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Cranium is Normal, TGL 5-NCL			
Note: Femur is Normal			
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
[Adenoma TGLS = 4-2]			
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Hemorrhage	Mild
[Hemorrhage TGLS = 3-6]			
* Lymph Node, Mesenteric		Inflammation	Focal, Mild
* Ovary		Angiectasis	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 795	TRT#: 16 DOSE: 2 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-795
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 796 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 735
DOSE: 2 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 1-6]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Angiectasis	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 796

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-796

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 797

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Ectasia TGLS = 1-5]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 797

TRT#: 16

SEX: Female

DAY ON TEST: 737

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-797

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Lesion 1 identified grossly as Mesentery is microscopically identified as occurring in Mesenteric Lymph Node.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 798

TRT#: 16

SEX: Female

DAY ON TEST: 655

DOSE: 2 GAUSS

DISP: Natural Death

HISTO: 94-5117-798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Nose	* Parathyroid Gland	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Amyloid Deposition	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Heart	Bilateral	Cyst	Mild
Note: Thrombus was septic.	Valve	Thrombosis	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Infarct	Acute, Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 798	TRT#: 16 DOSE: 2 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 655 HISTO: 94-5117-798
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Mild
PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Heart Valve Thrombosis		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 799

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 800	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 2 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			
* Ovary	Bilateral	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 800

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 2 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-800

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 801

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 3-6]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hyperplasia	Reticulum Cell, Moderate
		Infiltration Cellular	Histiocyte, Minimal
* Ovary			
Note: Only one available for evaluation.			
* Pancreas	Duct	Cyst	Marked
		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild

[Cyst TGLS = 2-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 801	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-801

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 802 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland		Inflammation	Focal, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 802

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-802

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 803

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 803

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-803

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 804

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Basophilic Focus	Multiple, Marked
	[Basophilic Focus TGLS = 2-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 805

TRT#: 8

SEX: Female

DAY ON TEST: 449

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
Eye			
Note: TGL 2-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
	Lymphoid Tiss	Necrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Ovary			
Note: Oviduct, TGL 1-NST			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Mild
* Thymus		Atrophy	Marked
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 3-8]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 806

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Atrophy	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Esophagus	Epithelium	Hyperplasia	Focal, Moderate
Note: Lesion consistent with an inflammatory polyp.			
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Eosinophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-8.1RC]			
* Pancreas		Vacuolization Cytoplasmic	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 806	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-806

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1,2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 807

TRT#: 8

SEX: Female

DAY ON TEST: 715

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Harderian Gland	Bilateral	Cyst	Mild
[Adenoma TGLS = 3-2]		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Vacuolization Cytoplasmic	Moderate
* Liver		Infiltration Cellular	Lymphocyte, Focal, Moderate
		Infiltration Cellular	Polymorphnuclr, Focal, Mild
	Hepatocyte	Lymphoma Malignant	
[Vacuolization Cytoplasmic TGLS = 2-6]		Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11RT]			
* Ovary		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 807	TRT#: 8 DOSE: 10 GAUSS INTER.	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 715 HISTO: 94-5117-807
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Lymphoma Malignant	Minimal
* Urinary Bladder		Cyst	Lymphocyte, Moderate
* Uterus	Bilateral	Infiltration Cellular	Moderate
[Hydrometra TGLS = 1-8]		Hydrometra	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 808

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Ovary	* Pineal Gland	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Adenoma	
[Adenoma TGLS = 3-13]			
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11, 2-12]			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 808

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-808

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-14RT]

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 3 identified grossly as Skin, Subcutaneous is microscopically identified as occurring in Mammary Gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 809

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule Capsule	Hyperplasia Lymphoma Malignant	Mild
* Bone			
Note: Femur is Normal; Bone Right Ventral Orbital, TGL 6-NST			
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Cyst	Mild
* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 7-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Clear Cell Focus	Minimal
[Clear Cell Focus TGLS = 5-6]			
[Hepatocellular Adenoma TGLS = 8-12RT]			
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Infiltration Cellular Inflammation	Histiocyte, Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 809

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-809

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-11]			
* Ovary		Cyst	Mild
[Cyst TGLS = 4-8]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 810

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
		Lymphoma Malignant	
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 5-11]	Vacuolization Cytoplasmic	Mild
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Ovary		Thrombosis	Moderate
	[Thrombosis TGLS = 3-8]		
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 4-6]	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 810	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-810

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-6]			
* Thymus		Cyst	Focal, Mild
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 811	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 811

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-811

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 812

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland	* Harderian Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 1-6]	
		[Hepatocellular Carcinoma TGLS = 5-5]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 6-11RT,2-8]	
* Ovary			
		Note: TGL 3-NST	
		Note: Only one ovary available for evaluation.	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Mild
* Uterus	Bilateral	Hydrometra	Mild
		[Hydrometra TGLS = 4-8]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 812

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-812

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Lesion 2 identified grossly as Ovary is microscopically identified as occurring in Mesentery.

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 813

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Pelvis	Calculus Micro Observation Only	
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Inflammation	Mild
	Fat	Liposarcoma	
		Necrosis	Moderate
[Inflammation TGLS = 1-11]			
[Liposarcoma TGLS = 2-12]			
[Necrosis TGLS = 2-12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 813	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-813

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 814

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pineal Gland	* Skin
* Trachea	* Uterus		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6; 3-11RT]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Ovary			
	Note: TGL 1-NCL		
* Pancreas		Lipomatosis	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 814

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-814

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 815

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Ovary	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Duct	Cyst	Marked
		Lipomatosis	Moderate
Note: Part of exocrine pancreas entirely replaced by fat; ducts are cystic. [Cyst TGLS = 2-11]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Inflammation	Focal, Mild
* Uterus		Amyloid Deposition	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Amyloid Deposition TGLS = 1-8]

[Hyperplasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 815

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-815

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Mesentery is microscopically identified as occurring in Pancreas.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 816

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13RT]			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Lymphoma Malignant	
Lymph Node		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11]			
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 816	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-816

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 3 identified grossly as Mediastinal Lymph Node is microscopically identified as occurring in Thymus.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 817

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Artery	Inflammation	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Artery, Bilateral, Cortex	Inflammation	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Pigmentation	Minimal
Note: TGL 2-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Pancreas	Artery	Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Trachea	Artery	Inflammation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 817

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-817

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: Inflammation in several arteries consistent with polyarteritis nodosum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 818

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Blood Vessel	* Pineal Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex Note: Only one adrenal available for evaluation.	Capsule	Hyperplasia	Mild
* Bone Marrow		Angiectasis	Moderate
* Brain Note: TGL 8-NCL	Thalamus	Mineralization	Mild
* Clitoral Gland Note: Only one clitoral gland available for evaluation.		Atrophy	Moderate
		Cyst	Minimal
* Kidney Note: TGL 4-NCL	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver Note: TGL 5-NCL	Centrilobular, Sinusoid	Dilatation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild
* Pituitary Gland [Cyst TGLS = 7-3]	Pars Distalis	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 818	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-818

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-3]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 819

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 820

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Thymus
* Trachea			

MISSING

* Blood Vessel	* Pineal Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Ovary		Cyst	Mild
* Parathyroid Gland		Infiltration Cellular	Mixed Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 820

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-820

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 821

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
[Hepatocellular Adenoma TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11,2-12]			
* Ovary		Cyst	Moderate
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 822

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Cyst	Mild
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 822	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-822

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Skin is microscopically identified as occurring in Mammary Gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 823

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Lipomatosis	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 823

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-823

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 824

TRT#: 8

SEX: Female

DAY ON TEST: 309

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Pancreas
* Pineal Gland	* Stomach, Forestomach		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
* Gallbladder	Epithelium	Cyst	Mild
* Heart		Histiocytic Sarcoma	
* Intestine Small, Ileum		Histiocytic Sarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
	[Histiocytic Sarcoma TGLS = 1-6]		
	[Necrosis TGLS = 2-6]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary			
Note: Only one available for evaluation.			
* Parathyroid Gland		Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
		Infarct	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 824

TRT#: 8

SEX: Female

DAY ON TEST: 309

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-824

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Histiocytic Sarcoma TGLS = 3-6]

[Infarct TGLS = 4-6]

* Stomach, Glandular

* Thymus

Ulcer

Atrophy

Histiocytic Sarcoma

Focal, Moderate

Marked

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 825

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
		Inflammation	Mild
* Harderian Gland		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 6-NCL			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11, 5-12]			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Minimal
		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 825	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-825

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Focal, Mild
		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1,2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 4 and 5 identified grossly as Mesenteric Lymph Node are microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 826

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Liver		Clear Cell Focus	Multiple, Moderate
		[Clear Cell Focus TGLS = 3-6]	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Cyst	Focal, Mild
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Moderate
		[Hydrometra TGLS = 1,2-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 826

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-826

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 827

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia	Fatty, Moderate Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Mild Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus Lymphoma Malignant	Mild
	[Eosinophilic Focus TGLS = 5-11]		
	[Lymphoma Malignant TGLS = 4-11; 2,3-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 827

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-827

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral

Hydrometra

Marked

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 828

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary	Bilateral	Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 829

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
	[Eosinophilic Focus TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 829

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-829

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 830 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 737
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 1-3]		
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-6]	Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 830

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-830

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Minimal

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 831

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 831

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-831

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 832

TRT#: 8

SEX: Female

DAY ON TEST: 710

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Heart	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Salivary Glands	* Skin
* Trachea			

MISSING

* Ovary

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Gallbladder		Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
[Lymphoma Malignant TGLS = 4-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2,14RT]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
Mesentery		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 832	TRT#: 8	SEX: Female	DAY ON TEST: 710
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-832

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach		Ulcer	Focal, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Moderate
[Cyst TGLS = 8-2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: Lesion 1 identified grossly as Salivary Gland is microscopically identified as occurring in Mandibular Lymph Node.

Animal Note: Lesion 7 identified grossly as Mesentery is microscopically identified as occurring in Mesenteric Lymph Node.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 833

TRT#: 8

SEX: Female

DAY ON TEST: 481

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Ileum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

MISSING

* Clitoral Gland	* Intestine Small, Duodenum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Small, Jejunum	* Kidney
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Animal Note: Carcass, Thin, Found at Retrim, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 834 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 4,5-6]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-11]		
* Ovary		Cyst	Moderate
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Mixed Cell, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 834	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-834

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 835

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 836	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Heart	Artery	Inflammation	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate

[Hematopoietic Cell Proliferation TGLS = 3-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 836	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-836

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-6]			
* Thymus	Artery	Inflammation	Mild
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1,2-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 837

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
* Islets, Pancreatic		Infiltration Cellular	Mixed Cell, Focal, Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Pancreas		Lipomatosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 837

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-837

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Vacuolization Cytoplasmic Infiltration Cellular Lymphoma Malignant	Mild Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 838

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
	[Sarcoma TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Forestomach		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 838	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-838

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, Noted at Trim, TGL 4-NST

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 839 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 737
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Lung			
Note: TGL 2-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 840 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule Bilateral, Medulla	Degeneration	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 2-11]	Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-7]	Hemorrhage	Mild
	[Hemorrhage TGLS = 3-7]		
* Lymph Node, Mesenteric		Atrophy	Moderate
* Ovary		Cyst	Marked
	[Cyst TGLS = 1-8]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 840

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-840

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 841

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Lymph Node, Mandibular	* Ovary	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Histiocytic Sarcoma	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Histiocytic Sarcoma	
* Gallbladder		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Intestine Large, Colon		Histiocytic Sarcoma	
* Intestine Small, Duodenum		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Islets, Pancreatic		Histiocytic Sarcoma	
* Kidney	Bilateral, Cortex, Renal Tubule	Accumulation, Hyaline Droplet	Marked
	Bilateral	Histiocytic Sarcoma	
		Hydronephrosis	Minimal
	[Histiocytic Sarcoma TGLS = 4-8]		
* Liver		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Mammary Gland		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 5-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 841	TRT#: 8	SEX: Female	DAY ON TEST: 639
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-841

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Histiocytic Sarcoma	
* Pineal Gland		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Histiocytic Sarcoma TGLS = 3-6]		
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland	Follicle	Cyst	Mild
		Histiocytic Sarcoma	
* Uterus	Bilateral	Histiocytic Sarcoma	
	Bilateral	Hydrometra	Mild
	[Histiocytic Sarcoma TGLS = 2-8]		
	[Hydrometra TGLS = 2-8]		

PRIMARY CAUSE OF DEATH - Kidney Bilateral Histiocytic Sarcoma

Animal Note: Cavities, Abdominal, Fluid, ~3ml, Brown, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 842

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Heart		Lymphoma Malignant	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
* Liver		Angiectasis	Moderate
		Lymphoma Malignant	
	[Angiectasis TGLS = 4-12RT]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Atrophy	Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5]		
* Pancreas		Lipomatosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Lymphoma Malignant TGLS = 2-6]		
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 842

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-842

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-3]

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 843

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 844

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Bilateral, Capsule	Degeneration Hyperplasia Myelofibrosis	Fatty, Mild Mild Mild
* Bone Marrow		Atrophy	Moderate
* Clitoral Gland	Bilateral	Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch Peyers Patch	Hyperplasia Necrosis	Moderate Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex Medulla	Infiltration Cellular Infiltration Cellular	Lymphocyte, Minimal Lymphocyte, Minimal
* Liver		Infiltration Cellular Necrosis	Mixed Cell, Focal, Moderate Moderate
	[Necrosis TGLS = 3,4-6; 5,6-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Inflammation	Mild
	[Inflammation TGLS = 2-11]		
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 844	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-844

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-12RT]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:51
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 845

TRT#: 8

SEX: Female

DAY ON TEST: 580

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Ovary
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Moderate
Note: Only one available for evaluation.			
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex, Renal Tubule	Vacuolization Cytoplasmic	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Sarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-13RT]			
* Pancreas		Lipomatosis	Mild
* Skin		Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 845	TRT#: 8	SEX: Female	DAY ON TEST: 580
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-845

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 1-11]

* Spleen	Hematopoietic Cell Proliferation	Marked
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Skin Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Sarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 846

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus		Angiectasis	Moderate

[Angiectasis TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 847

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-11, 2-12]			
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 848

TRT#: 8

SEX: Female

DAY ON TEST: 458

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Blood Vessel	* Clitoral Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-8]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
Note: TGL 2-NCL			
* Parathyroid Gland		Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus	Thymocyte	Hyperplasia	Lymphoid, Minimal
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 848	TRT#: 8	SEX: Female	DAY ON TEST: 458
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-848

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 3-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Lesion 1 identified grossly as Ovary is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 849

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1,2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 850 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 737
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
		Pigmentation	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 851 **TRT#:** 18 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Accumulation, Hyaline Droplet	Moderate
* Liver		Angiectasis	Moderate
		Histiocytic Sarcoma	
[Angiectasis TGLS = 4-6]			
Lymph Node	Lumbar	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-11]			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-13RT]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Histiocytic Sarcoma TGLS = 2-6]			
* Thymus		Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 851

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-851

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Serosa

Atrophy

Moderate

* Uterus

Bilateral

Hyperplasia

Lymphoid, Minimal

Inflammation

Chronic Active, Moderate

Hydrometra

Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 852

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Pineal Gland	* Thymus	
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follicle	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 853

TRT#: 18

SEX: Female

DAY ON TEST: 534

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
Eye		Cyst	Mild
Note: Only one available for evaluation.			
Note: TGL 2-NCL			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Moderate
	Bilateral, Glomerulus	Inflammation	Moderate
	Medulla	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Pancreas	Acinus	Hypertrophy	Focal, Mild
* Parathyroid Gland		Vacuolization Cytoplasmic	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 853	TRT#: 18	SEX: Female	DAY ON TEST: 534
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-853

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Bone, Cranium is microscopically identified as occurring in Nose.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 854

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 4-11]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-11]		
* Ovary	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Bilateral	Hydrometra	Marked
	[Hydrometra TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 854

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-854

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 855

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pineal Gland		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 856

TRT#: 18

SEX: Female

DAY ON TEST: 567

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Blood Vessel	* Clitoral Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pineal Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 857 **TRT#:** 18 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS INTER. **DISP:** Terminal Sacrifice **HISTO:** 94-5117-857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Angiectasis	Mild
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 858

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Minimal
Note: Only one available for evaluation.			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 858

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-858

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hydrometra

Hyperplasia

Mild

Cystic, Minimal

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 859

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
	Muscularis	Hypertrophy	Moderate
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
	[Angiectasis TGLS = 3-8]		
	[Cyst TGLS = 2-8]		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 859

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-859

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral

Hydrometra

Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 860

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Angiectasis	Mild
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 860

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-860

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 861

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
		Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Inflammation	Mild
	[Inflammation TGLS = 3-11]		
* Ovary		Amyloid Deposition	Moderate
		Hemorrhage	Moderate
	[Amyloid Deposition TGLS = 2-8]		
	[Hemorrhage TGLS = 2-8]		
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 861

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-861

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Pigmentation

Moderate

* Uterus

Bilateral, Endometrium

Cyst

Minimal

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 862

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Bone, Maxilla, Deformity, Orbit, TGL 4-NST			
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Moderate
Note: Only one available for evaluation.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
Note: TGL 2-NCL			
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 862	TRT#: 18	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-862

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 863	TRT#: 18	SEX: Female	DAY ON TEST: 701
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Gallbladder		Histiocytic Sarcoma	
* Harderian Gland		Histiocytic Sarcoma	
* Islets, Pancreatic		Histiocytic Sarcoma	
* Kidney	Bilateral	Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-3]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-5]			
Mesentery		Histiocytic Sarcoma	
* Ovary	Bilateral	Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Pineal Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 863	TRT#: 18	SEX: Female	DAY ON TEST: 701
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-863

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Histiocytic Sarcoma TGLS = 2-6]		Histiocytic Sarcoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Histiocytic Sarcoma	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Lung Histiocytic Sarcoma

Animal Note: Cavities, Thoracic, Fluid, ~10ml, Red, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 864

TRT#: 18

SEX: Female

DAY ON TEST: 704

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

Lymph Node	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 5-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node			
Note: Inguinal Lymph Node, TGL 1-NST			
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 4-11]		
* Ovary			
Note: TGL 2-NCL			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 864	TRT#: 18	SEX: Female	DAY ON TEST: 704
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-864

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
	Thymocyte	Necrosis	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 3-8]

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 865

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Trachea

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Moderate Focal, Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy Cyst	Marked Mild
* Intestine Large, Cecum	Lymphoid Tissue	Hyperplasia Leiomyosarcoma	Mild
[Leiomyosarcoma TGLS = 5-12RT]			
* Intestine Small, Ileum	Muscularis Artery	Hypertrophy Inflammation	Moderate Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Adenoma Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular Plasma Cell Tumor Malignant	Lymphocyte, Mild Metastatic (Uncertain Primary Site)
* Liver		Plasma Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Lung		Alveolar/Bronchiolar Adenoma Plasma Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 4-5]			
Mesentery	Arteriole	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 865	TRT#: 18	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-865

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Plasma Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Pituitary Gland	Pars Distalis	Lipomatosis	Minimal
* Salivary Glands		Hyperplasia	Focal, Mild
	Arteriole	Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Mild
* Skin			
Note: TGL 1-NCL			
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder	Arteriole	Inflammation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Inflammatory lesions in several arterioles and arteries are consistent with peri arteritis nodosum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 866

TRT#: 18

SEX: Female

DAY ON TEST: 656

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 2-NCL			
[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Inflammation	Mild
	Fat	Necrosis	Moderate
[Inflammation TGLS = 4-12]			
[Necrosis TGLS = 3-11]			
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 866	TRT#: 18	SEX: Female	DAY ON TEST: 656
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-866

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 5,6-8]	Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: Lesion 4 identified grossly as Mesenteric Lymph Node is microscopically identified as occurring in Mesentery.

Animal Note: Lesion 3 identified grossly as Pancreas Lymph Node is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 867

TRT#: 18

SEX: Female

DAY ON TEST: 576

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Trachea

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Pineal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain Note: TGL 11-NCL			
* Clitoral Gland Note: Only one available for evaluation.		Atrophy	Marked
* Harderian GI Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney Note: TGL 6-NCL			
* Liver Note: TGL 5-NCL		Necrosis	Minimal
Mesentery [Osteosarcoma TGLS = 3-3, 7-8, 8-5, 9-13, 10-11]		Osteosarcoma	Metastatic (Uncertain Primary Site)
* Ovary Note: Only one available for evaluation.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 867	TRT#: 18	SEX: Female	DAY ON TEST: 576
	DOSE: 10 GAUSS INTER.	DISP: Natural Death	HISTO: 94-5117-867

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: Diaphragm			
[Osteosarcoma TGLS = 2-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Glandular		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 12-14RT]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Mesentery Osteosarcoma Uncertain Primary Site

Animal Note: Lesion 7 identified grossly as Uterus is microscopically identified as occurring in Mesentery.

Animal Note: Lesion 3 identified grossly as occurring in Adrenal Gland is microscopically identified as occurring in Mesentery.

Animal Note: Lesion 10 identified grossly as Renal Lymph Node is microscopically identified as occurring in Mesentery.

Animal Note: Cavities, Abdominal, Fluid, ~3ml, Red, Blood in Abdominal Cavity, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 868

TRT#: 18

SEX: Female

DAY ON TEST: 567

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Histiocytic Sarcoma	
	Cortex	Necrosis	Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3,4-6]			
Lymph Node	Inguinal	Histiocytic Sarcoma	
	Lumbar	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-12]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Parathyroid Gland		Hyperplasia	Minimal
* Pineal Gland		Histiocytic Sarcoma	
* Pituitary Gland		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 868	TRT#: 18	SEX: Female	DAY ON TEST: 567
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-868

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Histiocytic Sarcoma	
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Angiectasis	Moderate
	Cervix	Histiocytic Sarcoma	
	Bilateral	Hydrometra	Mild

[Histiocytic Sarcoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: Carcass, Thin, Found at Trim, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 869 **TRT#:** 18 **SEX:** Female **DAY ON TEST:** 607
DOSE: 10 GAUSS INTER. **DISP:** Natural Death **HISTO:** 94-5117-869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Clitoral Gland	* Harderian Gland	* Ovary	* Parathyroid Gland
* Pineal Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Mesentery		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular	Serosa	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 869

TRT#: 18

SEX: Female

DAY ON TEST: 607

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-869

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-12RT]

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

* Uterus

Hydrometra

Moderate

[Hydrometra TGLS = 3-8]

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Lymph Node Mediastinal Lymphoma Malignant

Animal Note: Lesion 4 identified grossly as Mesentery is microscopically identified as occurring in Mesenteric Lymph Node.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 870

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 2-NCL			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 4-11RT]			
* Ovary		Hemangioma	
[Hemangioma TGLS = 3-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 870

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-870

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 871

TRT#: 18

SEX: Female

DAY ON TEST: 673

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5116-871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Gallbladder	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Heart		Sarcoma	Metastatic (Skin)
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Fibrosis	Moderate
		Sarcoma	Metastatic (Skin)
	[Sarcoma TGLS = 4,5-7]		
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Fibrosis	Moderate
* Skin		Sarcoma	
	[Sarcoma TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Stomach, Glandular	Epithelium	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 871

TRT#: 18

SEX: Female

DAY ON TEST: 673

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5116-871

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

- Lung Sarcoma Skin

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 872

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Minimal
Note: Only one clitoral gland available for evaluation.			
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 872	TRT#: 18	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-872

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 873

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Mammary Gland	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Moderate
Note: Only one adrenal available for evaluation.			
* Bone Marrow		Angiectasis	Mild
		Hyperplasia	Minimal
		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Heart		Hemangiosarcoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13]			
[Lymphoma Malignant TGLS = 8-14]			
[Lymphoma Malignant TGLS = 10-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 873	TRT#: 18	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-873

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Necrosis	Mild
	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
[Necrosis TGLS = 9-15]			
* Ovary		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
Skeletal Muscle		Hemangiosarcoma	Metastatic (Heart)
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Lymphoma Malignant TGLS = 4-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Lymphoma Malignant	
* Uterus		Angiectasis	Moderate
[Angiectasis TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 874

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
	[Adenoma TGLS = 3-2]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 874

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-874

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 875

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-3]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-5]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-13]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-11, 2-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-6]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 875	TRT#: 18	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-875

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 876

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-11RT]			
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8.1RC]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 877

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Femur is Normal; Bone, Maxilla, Deformity, Orbit, TGL 3-NST			
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Mixed Cell, Mild
[Hyperplasia TGLS = 4-5]			
[Infiltration Cellular TGLS = 4-5]			
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 5-12RT]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 877

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-877

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular Vacuolization Cytoplasmic	Mixed Cell, Focal, Minimal Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 878

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Carcinoma TGLS = 3-11]		
	Lymph Node	Hyperplasia	Reticulum Cell, Moderate
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 878	TRT#: 18	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-878

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 879

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Necrosis	Moderate
	[Necrosis TGLS = 3-11]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Hemangioma	
	[Hemangioma TGLS = 2-8.1RC]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 879

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-879

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Lesion 3 identified grossly as Pancreas is microscopically identified as occurring in Liver.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 880

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Mammary Gland
* Nose	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Islets, Pancreatic	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Liver		Clear Cell Focus	Moderate
	[Clear Cell Focus TGLS = 4-6]		
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Ovary	Bilateral	Cyst	Moderate
	[Cyst TGLS = 2,3-8]		
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 880

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-880

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 881

TRT#: 18

SEX: Female

DAY ON TEST: 567

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Clitoral Gland	* Pineal Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Clear Cell Focus	Mild
		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-7]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-12]			
[Lymphoma Malignant TGLS = 8-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 881 **TRT#:** 18 **SEX:** Female **DAY ON TEST:** 567
DOSE: 10 GAUSS INTER. **DISP:** Moribund Sacrifice **HISTO:** 94-5117-881

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 11-14RT]			
* Ovary		Cyst	Mild
Note: Only one available for evaluation.			
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
[Hyperplasia TGLS = 2-8]			
[Lymphoma Malignant TGLS = 2-8]			
Vagina			
Note: TGL 3-NCL			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: Cavities, Thoracic, Fluid, ~1cc, Clear, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 882

TRT#: 18

SEX: Female

DAY ON TEST: 679

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum * Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Sarcoma	Metastatic (Mesentery)
Note: TGL 2-NCL			
[Sarcoma TGLS = 3-7]			
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Sarcoma	
[Sarcoma TGLS = 5-11]			
* Ovary	Bilateral	Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Thyroid Gland		Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 882

TRT#: 18

SEX: Female

DAY ON TEST: 679

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-882

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma
CONTRIBUTORY CAUSE OF DEATH - Lung Sarcoma Mesentery

Animal Note: Cavities, Abdominal, Fluid, Red, Blood-Filled, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 883

TRT#: 18

SEX: Female

DAY ON TEST: 623

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Islets, Pancreatic	* Pancreas	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian GI			
Note: Only one available for evaluation.			
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Intestine Small, Jejunum		Inflammation	Moderate
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex, Renal Tubule	Dilatation	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Lymphoma Malignant	
[Hemorrhage TGLS = 2-5]			
[Lymphoma Malignant TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 883

TRT#: 18

SEX: Female

DAY ON TEST: 623

DOSE: 10 GAUSS INTER.

DISP: Natural Death

HISTO: 94-5117-883

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Intestine Small, Ileum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 884

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Moderate
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
[Eosinophilic Focus TGLS = 2-11RT]			
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary			
Note: Only one available for evaluation.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 884

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-884

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 885

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea			

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Bone

OBSERVATIONS

* Adrenal Cortex	Bilateral, Zona Reticul Capsule	Degeneration Hyperplasia Lymphoma Malignant Pheochromocytoma Benign	Fatty, Moderate Minimal
* Adrenal Medulla			
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Cyst	Minimal
Note: Only one available for evaluation.			
* Intestine Small, Ileum	Muscularis	Hypertrophy Inflammation	Mild Minimal
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Angiectasis Hepatocellular Adenoma Lymphoma Malignant	Moderate
[Angiectasis TGLS = 5-6]			
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 885	TRT#: 18	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-885

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 886

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
[Adenoma TGLS = 4-2]			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 886

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-886

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-6]

* Urinary Bladder

Lymphoma Malignant

* Uterus

Hydrometra

Marked

Endometrium

Hyperplasia

Cystic, Mild

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 887

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 1-8]

[Hyperplasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 887

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-887

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 888

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 4-12RT]		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 888	TRT#: 18	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-888

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Minimal
	Epithelium	Cyst	Focal, Minimal
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 889

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone			
Note: Femur Normal; Maxilla, Deformity, Orbit, TGL 3-NST			
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 889

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-889

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 890

TRT#: 18

SEX: Female

DAY ON TEST: 656

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Nose	Peripheral Nerve	Skeletal Muscle	Spinal Cord
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Gallbladder	Epithelium	Cyst	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral	Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Mild
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Hyperplasia	Reticulum Cell, Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 4-14RT]		
* Ovary		Atrophy	Mild
Note: Only one available for evaluation.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
Perph Nerve			
Note: Sciatic Nerve is Normal			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 890	TRT#: 18	SEX: Female	DAY ON TEST: 656
	DOSE: 10 GAUSS INTER.	DISP: Moribund Sacrifice	HISTO: 94-5117-890

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Kidney Bilateral Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH - Skin Schwannoma Malignant

Animal Note: Carcass, Thin, Found at Retrim, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 891

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Moderate Focal, Minimal
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Mesentery [Necrosis TGLS = 1-11]	Fat	Necrosis	Moderate
* Ovary		Angiectasis	Minimal
* Pancreas		Infiltration Cellular Lipomatosis Vacuolization Cytoplasmic	Lymphocyte, Moderate Mild Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Lymph Follic Hyperplasia Pigmentation	Moderate Moderate Mild
* Stomach, Glandular	Epithelium	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 891	TRT#: 18	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-891

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
		Hemorrhage	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 892

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Trachea
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Muscularis	Hypertrophy	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
	[Hyperplasia TGLS = 2-5]		
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 892

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-892

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 893

TRT#: 18

SEX: Female

DAY ON TEST: 650

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Infiltration Cellular	Mixed Cell, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Mild
	Thymocyte	Necrosis	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 893

TRT#: 18

SEX: Female

DAY ON TEST: 650

DOSE: 10 GAUSS INTER.

DISP: Moribund Sacrifice

HISTO: 94-5117-893

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 894

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Ventricle	Hamartoma	Lipomatous
	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Developmental Malformation	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Developmental Malformation TGLS = 3-12]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach		Inflammation	Moderate
	[Inflammation TGLS = 2-11]		
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 894

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-894

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

Bilateral, Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 895

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary	Bilateral	Cyst	Moderate
[Cyst TGLS = 2-8]			
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Hemorrhage	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8.1RC]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 895

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-895

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 896

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pineal Gland	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
Note: Only one available for evaluation.			
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Pelvis	Calculus Micro Observation Only	
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 7-13]		
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Plasma Cell, Minimal
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 6-12]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 4-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 896

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-896

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Hyperplasia TGLS = 5-6]			
* Stomach, Glandular		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavity, Abdominal, Fluid, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 897

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Intestine Small, Ileum		Inflammation	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node		Ectasia	Moderate
		Hemorrhage	Moderate
	[Ectasia TGLS = 3-12]		
	[Hemorrhage TGLS = 3-12]		
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Mixed Cell, Mild
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 897	TRT#: 18	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS INTER.	DISP: Terminal Sacrifice	HISTO: 94-5117-897

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 1-11]			
* Ovary	Bilateral	Luteoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

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Animal Note: Lesion 3 identified grossly as Mesentery is microscopically identified as occurring in Lymph Node (NOS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 898

TRT#: 18

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Moderate
Note: Only one available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangiosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 899

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hyperplasia	Moderate Focal, Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy Cyst	Moderate Minimal
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary	Interstit Cell	Hyperplasia	Mild
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 899

TRT#: 18

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-899

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 900

TRT#: 18

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS INTER.

DISP: Terminal Sacrifice

HISTO: 94-5117-900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 54-9117-901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Ovary	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Atrophy	Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
* Salivary Glands		Atrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 54-9117-901

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 902 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Parathyroid Gland	* Pineal Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Marked
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-8]			
* Pancreas		Lipomatosis	Mild
		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 902

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-902

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 903 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Pelvis	Calculus Micro Observation Only	
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	Skeletal Muscle	* Skin
Spinal Cord	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	* Clitoral Gland	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland			

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-8]			
[Hemorrhage TGLS = 3-8]			
* Pancreas		Lipomatosis	Minimal
Perph Nerve			
Note: Sciatic Nerve is Missing			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-904

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Mild

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

- Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 905

TRT#: 10

SEX: Female

DAY ON TEST: 715

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	Peripheral Nerve	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone	Femur	Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 4-12]			
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 3-11]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Moderate
* Ovary	Bilateral	Atrophy	Moderate
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Moderate
		Lipomatosis	Mild
Perph Nerve			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 905

TRT#: 10

SEX: Female

DAY ON TEST: 715

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-905

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Sciatic Nerve is Normal

* Pineal Gland		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 1-6]			
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 85

DOSE: 10 GAUSS

DISP: Accidentally Killed

HISTO: 94-5117-906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Minimal
* Bone Note: Femur is Normal; Bone, Calvarium, TGL 1-NST			
* Harderian GI Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Ovary Note: Only one available for evaluation.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Plasma Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
		Lipomatosis	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach		Basal Cell Adenoma	
	Epithelium	Hyperplasia	Minimal
	[Basal Cell Adenoma TGLS = 2-11]		
* Thymus		Cyst	Focal, Minimal
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-907

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pineal Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Lymph Node		Ectasia	Moderate
	[Ectasia TGLS = 4-11]		
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Mammary Gland		Adenoma	
	[Adenoma TGLS = 1-12]		
* Ovary		Cyst	Marked
	[Cyst TGLS = 5-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-908

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2,3-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 4 identified grossly as Ovaries is microscopically identified as occurring Lymph Node (NOS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 576

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 2-11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Plasma Cell Tumor Malignant	
* Thymus		Atrophy	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 576

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-909

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Skin Schwannoma Malignant

Animal Note: Lesion 2 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Minimal
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
		Inflammation	Focal, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 911

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Harderian Gland		Adenoma	
	[Adenoma TGLS = 4-2]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Bile Duct	Cyst	Mild
	[Cyst TGLS = 2-11]		
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	Histiocyte, Moderate
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-7]		
* Ovary	Bilateral	Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 911

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-911

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Hyperplasia

Lymphoid, Moderate

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 912

TRT#: 10

SEX: Female

DAY ON TEST: 531

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney Note: TGL 1-NCL			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen Note: TGL 2-NCL			
* Thymus		Atrophy	Marked
* Uterus [Hydrometra TGLS = 3-8]		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocyte Vacuolization Cytoplasmic

Animal Note: Carcass, Thin, Observed, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 913

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 914	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Mild
* Harderian Gland		Adenoma	
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Moderate
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Moderate Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 914

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-914

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 915

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pineal Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 916

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Pineal Gland	* Thymus
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney	Bilateral, Medulla Cortex	Infiltration Cellular Metaplasia	Lymphocyte, Minimal Osseous, Focal, Moderate
* Liver		Hepatocellular Carcinoma	
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Ovary	Germinal Epith	Hyperplasia	Mild
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 916

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-916

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hydrometra

Hyperplasia

Moderate

Cystic, Mild

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 917

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder
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INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung			
Note: TGL 4-NCL			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Thymus		Atrophy	Moderate
* Uterus	Bilateral	Hydrometra	Moderate
Note: TGL 2-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 917

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-917

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 918 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 737
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Mild
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 3-12RT]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
		Infiltration Cellular	Mixed Cell, Moderate
	[Cyst TGLS = 2-8]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 918

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-918

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 919

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
		Cyst	Mild
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hemorrhage	Mild
		Lymphoma Malignant	
[Ectasia TGLS = 1-5]			
[Hemorrhage TGLS = 1-5]			
[Lymphoma Malignant TGLS = 1-5]			
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 919

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-919

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 920

TRT#: 10

SEX: Female

DAY ON TEST: 597

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Pineal Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adren Medulla

Note: Only one available for evaluation.

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary			
Note: TGL 1-NCL			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 920	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 597 HISTO: 94-5117-920
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 921

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Pineal Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adren Medulla			
Note: Only one adrenal available for evaluation.			
* Adrenal Cortex		Degeneration	Fatty, Marked
	Capsule	Hyperplasia	Moderate
Note: Only one adrenal available for evaluation.			
* Brain	Thalamus	Mineralization	Mild
Note: TGL 9-NCL			
* Heart	Atrium	Thrombosis	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 6-11]			
[Hepatocellular Carcinoma TGLS = 4-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 10-12]			
* Lymph Node, Mandibular		Atrophy	Moderate
		Hemorrhage	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 921	TRT#: 10	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-921

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 7-14]			
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
* Ovary		Atrophy	Mild
Note: Only one available for evaluation.			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Bilateral	Adenoma	
	Follicular Cel	Hyperplasia	Focal, Minimal
[Adenoma TGLS = 1-2]			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: Lesion 4 identified grossly as Ovary is microscopically identified as occurring in Liver.

Animal Note: Cavity, Abdominal, Fluid, 2cc, Red, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 922

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
	Epithelium	Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 922

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-922

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 923

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Mixed Cell Focus	Moderate
	[Vacuolization Cytoplasmic TGLS = 5-6]	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Atrophy	Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Plasma Cell Tumor Malignant	
	[Plasma Cell Tumor Malignant TGLS = 4-11]		
* Ovary		Cyst	Minimal
	Note: Only one ovary available for evaluation.		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach		Inflammation	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 923	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-923
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ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hemangiosarcoma Hyperplasia	Cystic, Mild
[Hemangiosarcoma TGLS = 2-8]			
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavity, Abdominal, Fluid, 2cc, Cloudy, Pink, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 924 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 497
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Ventricle	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pancreas		Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Lesion 1 identified grossly as Tissue NOS is microscopically identified as occur ring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 925

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Moderate
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thymus		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 926

TRT#: 10

SEX: Female

DAY ON TEST: 566

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Kidney	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Spleen	* Urinary Bladder

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen			
Note: TGL 2-NCL			
* Thymus		Atrophy	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 927

TRT#: 10

SEX: Female

DAY ON TEST: 703

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pineal Gland	* Salivary Glands
Skeletal Muscle	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 3-NCL			
Lacrimal Gland	Bilateral	Sarcoma	
[Sarcoma TGLS = 2-12, 6-13]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Sarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-14]			
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 927	TRT#: 10	SEX: Female	DAY ON TEST: 703
	DOSE: 10 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-927

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lacrimal Gland Bilateral Sarcoma

Animal Note: Carcass, Thin, TGL 7-NST

Animal Note: Lesion 4 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 928

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Ectasia	Moderate
	Lumbar	Hemorrhage	Moderate
[Ectasia TGLS = 4-12]			
[Hemorrhage TGLS = 4-12]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Mild
		Hemangioma	
[Cyst TGLS = 3-8]			
[Hemangioma TGLS = 3-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
		Cyst	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 928

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-928

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1,2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 929

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 930 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Moderate Focal, Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-12]	
		[Lymphoma Malignant TGLS = 7-3]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-11]	
* Ovary		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 930	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-930
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Bilateral	Lymphoma Malignant Infiltration Cellular Lipomatosis	Mixed Cell, Focal, Mild Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-3]			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
Note: TGL 4-NCL			
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 931 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Bone * Pineal Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Gallbladder	Epithelium	Cyst	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 932 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Clitoral Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Capsule	Hyperplasia Lymphoma Malignant	Mild
* Gallbladder	Epithelium	Cyst	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Cortex Bilateral, Medulla	Infiltration Cellular Infiltration Cellular	Lymphocyte, Mild Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric Mesentery		Lymphoma Malignant Hemorrhage Lymphoma Malignant	Mild
		[Hemorrhage TGLS = 4-11]	
		[Lymphoma Malignant TGLS = 4-11]	
* Pancreas		Lipomatosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Diffuse, Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 932

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-932

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Lymphoma Malignant TGLS = 1-6]

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

* Uterus

Bilateral

Hydrometra

Marked

[Hydrometra TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 933

TRT#: 10

SEX: Female

DAY ON TEST: 687

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Ovary
* Pineal Gland	* Pituitary Gland	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Moderate
[Infiltration Cellular TGLS = 3-6]			
* Lung	Alveolus	Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1-7]			
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 933	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 687 HISTO: 94-5117-933
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus [Hydrometra TGLS = 2-8]	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 934	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Gallbladder		Infiltration Cellular	Mixed Cell, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11,2-12]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 934	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-934
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 935	TRT#: 10	SEX: Female	DAY ON TEST: 183
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Heart	* Kidney	* Lung	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Trachea	* Uterus		

MISSING

* Clitoral Gland	* Parathyroid Gland	* Thymus	
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pineal Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Adren Cortex Note: Only one available for evaluation.			
* Adren Medulla Note: Only one available for evaluation.			
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Kidney Note: TGL 2-NCL			
* Liver Note: TGL 3-NCL		Hepatocellular Carcinoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 936

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 937

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 937

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-937

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 938	TRT#: 10	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland	Bilateral	Atrophy	Marked
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 939

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Multiple, Moderate
		Eosinophilic Focus	Minimal
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Eosinophilic Focus TGLS = 4,5-12RT]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thymus		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 939	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-939
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ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1,2-11]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 940 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Multiple, Moderate
		Infiltration Cellular	Lymphocyte, Focal, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Mild
[Inflammation TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 941

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-12RT]		
* Ovary		Cyst	Moderate
		Cystadenoma	
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 941	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-941
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 942

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Nose	* Ovary	* Pancreas
* Pineal Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Chor Plexus	Infiltration Cellular	Lymphocyte, Moderate
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Infiltration Cellular	Mixed Cell, Focal, Moderate
* Kidney	Cortex, Renal Tubule	Dilatation	Minimal
	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Eosinophilic Focus TGLS = 4-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Moderate
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 942	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-942
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Angiectasis	Minimal
		Hyperplasia	Lymphoid, Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 943

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Skin
* Trachea	* Urinary Bladder		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Heart		Lymphoma Malignant	
* Kidney	Cortex, Renal Tubule Medulla	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
Note: TGL 3-NCL			
Lymph Node	Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 943	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-943
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy Cyst Hyperplasia	Mild Focal, Moderate Lymphoid, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Moderate

[Hydrometra TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: Cavity, Abdominal, Fluid, Clear, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 944

TRT#: 10

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fasciata	Hyperplasia Hypertrophy	Mild Focal, Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Marked Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular Lymphoma Malignant	Lymphocyte, Minimal
* Liver		Hemorrhage Lymphoma Malignant	Mild
	[Hemorrhage TGLS = 3-11RT]		
	[Lymphoma Malignant TGLS = 3-11RT]		
* Lymph Node, Mesenteric		Atrophy Hyperplasia	Mild Reticulum Cell, Mild
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
	[Lymphoma Malignant TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 944	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-944
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Uterus [Hyperplasia TGLS = 1-8]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 945

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one clitoral gland available for evaluation.			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Marked
* Uterus	Endometrium	Angiectasis	Moderate
	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

[Angiectasis TGLS = 1-11]

[Hyperplasia TGLS = 2-12]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 945

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-945

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 946

TRT#: 10

SEX: Female

DAY ON TEST: 699

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Heart
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Ovary	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-11]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Atrophy	Marked
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 946

TRT#: 10

SEX: Female

DAY ON TEST: 699

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-946

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Skin Hemangiosarcoma

Animal Note: Due to recording error on IANR, no lesion listed for TGL 3.

Animal Note: Lesion 2 identified grossly as Mammary Gland is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 947

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Nose	* Pineal Gland
* Skin	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Medulla

Note: Only one available for evaluation.

* Adrenal Cortex

Capsule
Zona Fascult

Hyperplasia
Hypertrophy

Moderate
Focal, Minimal

Note: Only one available for evaluation.

* Bone Marrow

Hyperplasia

Mild

* Brain

Thalamus

Mineralization

Mild

* Clitoral Gland

Bilateral

Atrophy

Marked

Bilateral

Cyst

Mild

* Harderian Gland

Bilateral

Lymphoma Malignant

* Heart

Lymphoma Malignant

* Intestine Small, Ileum

Peyers Patch

Hyperplasia

Mild

* Islets, Pancreatic

Lymphoma Malignant

* Kidney

Bilateral

Lymphoma Malignant

* Liver

Lymphoma Malignant

[Lymphoma Malignant TGLS = 8-16RT]

* Lung

Lymphoma Malignant

Note: TGL 7-NCL

Lymph Node

Lumbar

Lymphoma Malignant

Lymphoma Malignant

Note: Lymph Mal not sited above involves Axillary Lymph Node, however, term not available.

[Lymphoma Malignant TGLS = 4-13]

* Lymph Node, Mandibular

Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 947	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-947

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 5-5]		Lymphoma Malignant	
* Mammary Gland Mesentery [Necrosis TGLS = 3-12]	Fat	Lymphoma Malignant Necrosis	Moderate
* Ovary	Bilateral Bilateral	Amyloid Deposition Lymphoma Malignant	Mild
* Pancreas		Lipomatosis Lymphoma Malignant	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen [Lymphoma Malignant TGLS = 1-11]		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus [Cyst TGLS = 6-15] [Lymphoma Malignant TGLS = 6-15]		Cyst Lymphoma Malignant	Focal, Marked
* Thyroid Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus [Hyperplasia TGLS = 2-14]	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 948

TRT#: 10

SEX: Female

DAY ON TEST: 582

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone * Mammary Gland * Nose * Skin

MISSING

* Clitoral Gland * Parathyroid Gland * Spleen * Urinary Bladder

AUTO PRECLUDES DIAG.

* Adrenal Cortex * Adrenal Medulla * Blood Vessel * Bone Marrow
* Esophagus * Gallbladder * Harderian Gland * Heart
* Intestine Large, Cecum * Intestine Large, Colon * Intestine Large, Rectum * Intestine Small, Duodenum
* Intestine Small, Ileum * Intestine Small, Jejunum * Islets, Pancreatic * Kidney
* Liver * Lung * Lymph Node, Mandibular * Lymph Node, Mesenteric
* Ovary * Pancreas * Pineal Gland * Pituitary Gland
* Salivary Glands * Stomach, Forestomach * Stomach, Glandular * Thymus
* Thyroid Gland * Trachea

INSUFFICIENT TISSUE

* Brain

OBSERVATIONS

* Adren Cortex
Note: Only one available for evaluation.
* Adren Medulla
Note: Only one available for evaluation.
* Ovary
Note: Only one available for evaluation.
* Uterus
[Hydrometra TGLS = 1-8]

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 949

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pineal Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Stomach, Forestomach	Epithelium	Atrophy	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Cyst	Focal, Mild
* Uterus	Bilateral	Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 949

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-949

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-11]

Vagina

Hemangiosarcoma

[Hemangiosarcoma TGLS = 3-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 950

TRT#: 10

SEX: Female

DAY ON TEST: 690

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* Lung	* Mammary Gland	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 4-NCL			
* Liver			
Note: TGL 2-NCL			
* Lung			
Note: TGL 3-NCL			
* Lymph Node, Mandibular		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Ovary		Atrophy	Moderate
Note: Only one ovary available for evaluation.			
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 950	TRT#: 10 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 690 HISTO: 94-5117-950
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Marked
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 951 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone			
Note: Femur is Normal; Cranium, TGL 8-NST			
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-2]			
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 4-11]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-13]			
[Lymphoma Malignant TGLS = 6-3]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 951	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-951
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Thymus		Atrophy	Mild
* Thyroid Gland		Inflammation	Focal, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 952

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-6]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Ovary		Cyst	Moderate
	Note: Only one available for evaluation.		
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Lipomatosis	Minimal
* Parathyroid Gland		Degeneration	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Angiectasis	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 952

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-952

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8.1RC]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 953

TRT#: 20

SEX: Female

DAY ON TEST: 728

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-13, 9-14]		
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6, 3-11, 4-12]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-15]		
	[Lymphoma Malignant TGLS = 8-16]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 953	TRT#: 20	SEX: Female	DAY ON TEST: 728
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-953

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Thymus		Hemorrhage	Mild
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 6-8]		

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:52
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 954

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Cyst	Mild
Note: Only one clitoral gland available for evaluation.			
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Carcinoma TGLS = 3-11, 4-12]			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 954

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-954

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Lymphoma Malignant TGLS = 2-6]

* Urinary Bladder

* Uterus

Infiltration Cellular

Hydrometra

Hyperplasia

Lymphocyte, Mild

Marked

Cystic, Moderate

Endometrium

[Hydrometra TGLS = 1-8.1RC]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 955

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
Oral Mucosa	* Ovary	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
	Arteriole	Inflammation	Moderate
* Gallbladder	Epithelium	Cyst	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Moderate
	[Basophilic Focus TGLS = 2-6]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Ovary			
	Note: Only one available for evaluation.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Lymphoma Malignant TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 955	TRT#: 20	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-955

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Arteriole	Inflammation	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Arteriolar inflammation noted is consistent with periarteritis nodosum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 956	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 291 HISTO: 94-5117-956
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Lymph Node, Mesenteric
* Pineal Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Uterus		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
* Int Sm Duoden			
Note: TGL 2-NCL			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL 3-NCL			
* Lung			
Note: TGL 1-NCL			
* Ovary			
Note: Only one available for evaluation.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 957

TRT#: 20

SEX: Female

DAY ON TEST: 733

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Small, Jejunum	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Marked
	Hypothalamus	Hemorrhage	Moderate
[Compression TGLS = 8-1]			
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
Note: TGL 5-NCL			
* Harderian GI			
Note: Only one available for evaluation.			
* Heart	Artery	Inflammation	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex, Renal Tubule	Degeneration	Marked
	Cortex, Renal Tubule	Dilatation	Mild
	Cortex	Infiltration Cellular	Mixed Cell, Moderate
	Artery, Bilateral	Inflammation	Moderate
[Degeneration TGLS = 2-8]			
[Dilatation TGLS = 3-8]			
[Inflammation TGLS = 3-8]			
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 957 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 733
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-957

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 4-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 6-NCL			
* Lymph Node, Mesenteric		Atrophy	Moderate
	Artery	Inflammation	Moderate
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas	Artery	Inflammation	Moderate
* Pituitary Gland		Hemorrhage	Marked
[Hemorrhage TGLS = 7-3]			
* Salivary Glands	Duct	Cytoplasmic Alteration	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: TGL 5-NCL			

PRIMARY CAUSE OF DEATH - Brain Hypothalamus Hemorrhage
CONTRIBUTORY CAUSE OF DEATH - Pituitary Gland Hemorrhage

Animal Note: Inflammation involving several arteries consistent with DX of polyarteritis nodo sum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 958	TRT#: 20	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 958

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-958

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 959 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Minimal
* Bone			
Note: Femur Normal; Cranium, Deformity, TGL 4-NST			
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Eye	Lens	Mineralization	Marked
[Mineralization TGLS = 2-11]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-2]			
* Intestine Large, Rectum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL 1-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 959

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-959

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Bilateral, Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 960	TRT#: 20	SEX: Female	DAY ON TEST: 654
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Lymph Node, Mandibular
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AUTO PRECLUDES DIAG.

* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Ovary	* Pancreas	* Pineal Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Medulla	Infiltration Cellular	Lymphocyte, Mild
	Cortex	Metaplasia	Osseous, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 961

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
* Intestine Small, Jejunum	Serosa	Inflammation	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	Moderate
		Infiltration Cellular	Mixed Cell, Focal, Minimal
	[Eosinophilic Focus TGLS = 4-12RT]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 3-7]		
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 961	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-961
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Pancreas is microscopically identified as occurring in Mesentery.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 962

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Bilateral	Hydrometra	Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 963

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphangioma	

[Hydrometra TGLS = 1-12]
[Hyperplasia TGLS = 1-12]
[Lymphangioma TGLS = 1-12]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 963

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-963

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 964

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
		[Hepatocellular Adenoma TGLS = 2-6]	
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-11]	
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 964	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-964
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 965

TRT#: 20

SEX: Female

DAY ON TEST: 474

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Kidney
* Lung	* Nose	* Ovary	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Pineal Gland	* Spleen	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Adren Medulla Note: Only one available for evaluation.			
* Adrenal Cortex Note: Only one available for evaluation.	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery [Necrosis TGLS = 1-11]	Fat	Necrosis	Moderate
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 966 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 737
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Moderate
* Islets, Pancreatic		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Bilateral, Medulla	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 2-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 966

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-966

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 967

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
Note: A mild cyst is present in the cortex of one adrenal.			
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
Note: TGL 1-NCL			
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
Note: TGL 4-NCL			
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-12]			
* Ovary		Cyst	Moderate
* Pancreas		Lipomatosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 967	TRT#: 20	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-967

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 3-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 968 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Intestine Small, Jejunum	Muscularis	Hypertrophy	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Focal, Mild
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 969 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 730
DOSE: 10 GAUSS **DISP:** Natural Death **HISTO:** 94-5117-969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Brain	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain			
Note: TGL 3-NCL			
* Clitoral Gland		Cyst	Mild
Note: Only one available for evaluation.			
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Hepatocellular Adenoma TGLS = 5-13RT]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Mammary Gland	Duct	Dilatation	Moderate
* Ovary		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 969	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 730 HISTO: 94-5117-969
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Minimal

PRIMARY CAUSE OF DEATH	- Ovary Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 970

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Multiple, Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Clear Cell Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Atrophy	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 970

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-970

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 971

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pineal Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Adenoma	
* Heart	Myocardium	Degeneration	Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Medulla	Mineralization	Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 5-3]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
		Rhabdomyosarcoma	Metastatic (Uncertain Primary Site)
[Rhabdomyosarcoma TGLS = 3-2,5]			
* Ovary	Bilateral	Atrophy	Moderate
* Pancreas		Rhabdomyosarcoma	Metastatic (Uncertain Primary Site)
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 1-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 971	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-971
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Rhabdomyosarcoma TGLS = 2-11]	Rhabdomyosarcoma	Metastatic (Uncertain Primary Site)
* Spleen Note: TGL 4-NCL	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked
* Uterus Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 2 identified grossly as Mesentery is microscopically identified as occurring in Skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 972

TRT#: 20

SEX: Female

DAY ON TEST: 721

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pineal Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Thymus
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone	Vertebra	Lymphoma Malignant	
Note: Femur is Normal [Lymphoma Malignant TGLS = 2-11]			
* Brain	Thalamus	Mineralization	Minimal
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Infiltration Cellular	Mixed Cell, Focal, Moderate
		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Atrophy	Mild
		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 972

TRT#: 20

SEX: Female

DAY ON TEST: 721

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-972

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 1-6]		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Bone Vertebra Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 973

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pineal Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Cyst	Minimal
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-14, 6-6, 7-15]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-16, 9-17]		
	[Lymphoma Malignant TGLS = 11-18]		
	[Lymphoma Malignant TGLS = 3-12, 4-13]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 973	TRT#: 20	SEX: Female	DAY ON TEST: 735
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-973

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 12-3]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-3]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Bilateral	Hydrometra	Marked
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 974

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Cyst	Mild
		Inflammation	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 975

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 976

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pineal Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
Note: Only one available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Moderate
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Moderate
* Ovary		Cyst	Mild
* Pancreas	Duct	Cyst	Marked
		Lipomatosis	Marked
[Cyst TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Cyst	Focal, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 976

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-976

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 977

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pineal Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
Note: Cortex contained cyst, moderate; however, diagnosis not available.			
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Cyst	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 977	TRT#: 20	SEX: Female	DAY ON TEST: 737
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-977

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hyperplasia	Lymphoid, Minimal
		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 978

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Pineal Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
		Cyst	Mild
* Gallbladder		Infiltration Cellular	Lymphocyte, Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Hydronephrosis	Moderate
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	Medulla	Infiltration Cellular	Lymphocyte, Moderate
	[Hydronephrosis TGLS = 5-12]		
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
	[Hepatocellular Adenoma TGLS = 6-11]		
* Lymph Node, Mandibular		Hyperplasia	Reticulum Cell, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 3-15]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 978	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 94-5117-978
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangioma	
[Hemangioma TGLS = 1-14]			
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Lymphoma Malignant TGLS = 4-6]			
* Stomach, Forestomach	Muscularis	Mineralization	Focal, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Inflammation	Focal, Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 979

TRT#: 20

SEX: Female

DAY ON TEST: 467

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Harderian Gland	* Parathyroid Gland	* Pineal Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
	Bilateral	Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Gallbladder		Lymphoma Malignant	
* Heart	Atrium	Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney	Bilateral	Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-11]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-2]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 979	TRT#: 20	SEX: Female	DAY ON TEST: 467
	DOSE: 10 GAUSS	DISP: Natural Death	HISTO: 94-5117-979

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Marked
		Lymphoma Malignant	
* Uterus	Bilateral	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 980

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pineal Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex	Cyst	Moderate
	Medulla	Infiltration Cellular	Lymphocyte, Mild
[Cyst TGLS = 4-8]			
* Liver		Angiectasis	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Mild
[Angiectasis TGLS = 2-11]			
[Eosinophilic Focus TGLS = 3-12]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
Mesentery	Fat	Necrosis	Mild
* Ovary		Cyst	Mild
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 980

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-980

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 981

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Marked
[Compression TGLS = 3-1]			
* Clitoral Gland	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
* Ovary			
Note: Only one available for evaluation.			
* Pancreas		Lipomatosis	Mild
* Pineal Gland			
Note: Metastatic pituitary carcinoma adjacent to pineal gland.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 982

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pineal Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Medulla	Cyst	Mild
	Bilateral, Cortex, Renal Tubule	Degeneration	Minimal
	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
	Cortex	Infiltration Cellular	Lymphocyte, Mild
	[Cyst TGLS = 2-11]		
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 983

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Hypothalamus	Compression	Marked
	Thalamus	Mineralization	Minimal
	[Compression TGLS = 3-1]		
* Clitoral Gland	Bilateral	Cyst	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Moderate
* Ovary		Cyst	Mild
	Note: Only one available for evaluation.		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-3]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 984

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pineal Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Pancreas		Lipomatosis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
		Pigmentation	Minimal
* Stomach, Glandular	Epithelium	Atrophy	Minimal
* Thymus		Cyst	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 985

TRT#: 20

SEX: Female

DAY ON TEST: 477

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
	Bilateral	Lymphoma Malignant	
* Adrenal Medulla	Bilateral	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain	Cerebellum	Lymphoma Malignant	
	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
	Bilateral	Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
* Harderian Gland	Bilateral	Lymphoma Malignant	
* Int Lg Cecum			
Note: TGL 7,8-NCL			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4,5-8]			
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Nose		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 985	TRT#: 20	SEX: Female	DAY ON TEST: 477
	DOSE: 10 GAUSS	DISP: Moribund Sacrifice	HISTO: 94-5117-985

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Bilateral	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pineal Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Atrophy	Mild
		Lymphoma Malignant	
* Stomach, Glandular	Epithelium	Atrophy	Moderate
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Trachea		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild
	Bilateral	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant
 CONTRIBUTORY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: Cavities, Abdominal, Fluid, ~0.4ml, Clear, TGL 1-NST

Animal Note: Cavities, Thoracic, Fluid, ~0.2ml, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 986

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
* Pancreas		Lipomatosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Cyst	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 1-11,2-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 987	TRT#: 20	SEX: Female	DAY ON TEST: 736
	DOSE: 10 GAUSS	DISP: Terminal Sacrifice	HISTO: 94-5117-987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pineal Gland
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Moderate
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-2]			
* Liver		Infiltration Cellular	Mixed Cell, Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Pancreas		Lipomatosis	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 988

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pineal Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Minimal
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 988

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-988

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 989

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
		Cyst	Minimal
Note: Only one clitoral gland available for evaluation.			
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Cortex, Renal Tubule	Degeneration	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-11]		
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Moderate
* Mammary Gland		Adenoma	
	[Adenoma TGLS = 1-12]		
Mesentery	Fat	Inflammation	Moderate
	[Inflammation TGLS = 3-13]		
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Minimal
		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 989	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-989
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Mild
* Thymus		Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Lesion 1 identified grossly as Skin is microscopically identified as occurring in Mammary Gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 990	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Natural Death	DAY ON TEST: 690 HISTO: 94-5117-990
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Pancreas
* Pineal Gland	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral	Hydrometra	Moderate
[Hydrometra TGLS = 1-12]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 991

TRT#: 20

SEX: Female

DAY ON TEST: 687

DOSE: 10 GAUSS

DISP: Moribund Sacrifice

HISTO: 94-5117-991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pineal Gland
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Bilateral	Atrophy	Moderate
	Bilateral	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Ovary		Cyst	Marked
Note: Only one available for evaluation. [Cyst TGLS = 1-8.1RC]			
Perph Nerve			
Note: Sciatic Nerve is Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Carcass, Thin, Found at Trim, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 992 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 736
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pineal Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Focal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 2-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 4-12]		
* Lymph Node, Mesenteric		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Mild
* Ovary	Bilateral	Atrophy	Moderate
		Cyst	Moderate
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 992

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-992

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Hyperplasia

Lymphoid, Moderate

* Uterus

Bilateral

Cyst

Mild

Hydrometra

Moderate

[Hydrometra TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 993

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
Note: A moderate cyst is present in the cortex of one adrenal.			
* Clitoral Gland		Atrophy	Moderate
		Cyst	Moderate
Note: Only one available for evaluation.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Medulla	Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 1-11]
[Hyperplasia TGLS = 2-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 994

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule Zona Fascult	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Clitoral Gland	Bilateral Bilateral	Atrophy Cyst	Moderate Moderate
* Kidney	Bilateral, Medulla	Infiltration Cellular Hemorrhage	Lymphocyte, Mild Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary [Cyst TGLS = 2-12]		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Cyst	Focal, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
			[Hydrometra TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 995 **TRT#:** 20 **SEX:** Female **DAY ON TEST:** 735
DOSE: 10 GAUSS **DISP:** Terminal Sacrifice **HISTO:** 94-5117-995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Nose
* Ovary	* Pineal Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
Note: Cortex contained cyst, moderate; however, diagnosis not available.			
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Small, Ileum	Muscularis	Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Marked
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland	Duct	Dilatation	Mild
* Ovary			
Note: Only one ovary available for evaluation.			
* Pancreas		Infiltration Cellular	Mixed Cell, Focal, Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 995

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-995

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 996

TRT#: 20

SEX: Female

DAY ON TEST: 737

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pineal Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Ovary	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Minimal
* Liver		Angiectasis	Moderate
		Lymphoma Malignant	
	[Angiectasis TGLS = 4-11]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Note: Mediastinal Lymph Node, TGL 7-NST		
	[Lymphoma Malignant TGLS = 6-15]		
	[Lymphoma Malignant TGLS = 5-14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-13]		
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 996	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 94-5117-996
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Atrophy	Mild
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 997

TRT#: 20

SEX: Female

DAY ON TEST: 684

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pineal Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adren Medulla			
Note: Only one available for evaluation.			
* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one available for evaluation.			
* Bone Marrow		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Heart	Myocardium	Inflammation	Moderate
	Valve	Thrombosis	Marked
Note: Aortic Valve involved.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Bilateral, Medulla	Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Ectasia	Moderate
		Hemorrhage	Mild
[Ectasia TGLS = 4-12]			
[Hemorrhage TGLS = 4-12]			
* Ovary			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 997

TRT#: 20

SEX: Female

DAY ON TEST: 684

DOSE: 10 GAUSS

DISP: Natural Death

HISTO: 94-5117-997

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Only one available for evaluation.

* Pancreas		Lipomatosis	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
	[Sarcoma TGLS = 1-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thymus		Atrophy	Marked
* Uterus	Bilateral	Hydrometra	Moderate
	[Hydrometra TGLS = 2-8]		

PRIMARY CAUSE OF DEATH - Heart Valve Thrombosis

Animal Note: Animal was septicemic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 998	TRT#: 20 DOSE: 10 GAUSS	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 94-5117-998
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 999

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pineal Gland
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Marked
	Bilateral	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Bilateral, Cortex, Renal Tubule Medulla	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Mixed Cell, Focal, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 1-11]			
* Pancreas		Lipomatosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Minimal
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 999

TRT#: 20

SEX: Female

DAY ON TEST: 735

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-999

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-06
Test Type: CHRONIC
Route: MAGNETIC FIELDS
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/19/2014
Time Report Requested: 09:22:53
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 1000

TRT#: 20

SEX: Female

DAY ON TEST: 736

DOSE: 10 GAUSS

DISP: Terminal Sacrifice

HISTO: 94-5117-1000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pineal Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Mild
* Clitoral Gland	Bilateral	Atrophy	Mild
	Bilateral	Cyst	Moderate
* Harderian Gland	Bilateral	Infiltration Cellular	Lymphocyte, Mild
* Kidney	Bilateral, Cortex	Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	Mild
		Infiltration Cellular	Mixed Cell, Focal, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Ovary		Cyst	Moderate
Note: Only one available for evaluation. [Cyst TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Atrophy	Mild
* Thymus		Atrophy	Mild
* Uterus	Bilateral, Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE