

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

<b>C Number:</b>	C89029B
<b>Lock Date:</b>	01/05/1995
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 138
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-001

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 7-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

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<b>PRIMARY CAUSE OF DEATH</b>	- Thymus Lymphoma Malignant
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-002

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Spleen
* Thymus			

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**OBSERVATIONS**

* Lung	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

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**ANIMAL ID:** 3

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-003

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 120
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-004

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 3-3 ]	Lymphoma Malignant

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<b>PRIMARY CAUSE OF DEATH</b>	- Thymus Lymphoma Malignant
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-005

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b>			
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen			

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<b>OBSERVATIONS</b>			
* Kidney		Inflammation	Mild
* Thymus		Hyperplasia	Mild

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 9 <b>DOSE:</b> SHAM CONTROL	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 157 <b>HISTO:</b> 94-5108-006
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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4, 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Lung	Hemorrhage Lymphoma Malignant Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

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<b>PRIMARY CAUSE OF DEATH</b>	- Thymus Lymphoma Malignant
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 9 <b>DOSE:</b> SHAM CONTROL	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 79 <b>HISTO:</b> 94-5108-007
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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

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<b>PRIMARY CAUSE OF DEATH</b>	- Thymus Lymphoma Malignant
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 124
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-008

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Thymus	Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-009

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-2 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 10

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-010

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 11

**TRT#:** 9  
**DOSE:** SHAM CONTROL

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 72  
**HISTO:** 94-5108-011

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**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 12

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 82

**DOSE:** SHAM CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-012

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4, 4-4 ]	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 1-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 154
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-013

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Lung	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Liver	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular [ Infiltration Cellular TGLS = 1-3 ]	Infiltration Cellular	Plasma Cell, Marked
* Spleen [ Hematopoietic Cell Proliferation TGLS = 2-2 ]	Hematopoietic Cell Proliferation	Mild

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-014

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-3 ]		Hyperplasia	Marked
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Spleen [ Hyperplasia TGLS = 2-2 ]	Lymph Follic	Hyperplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 15

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-015

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-016

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Liver	Hepatocellular Carcinoma Inflammation	Chronic, Mild
[ Hepatocellular Carcinoma TGLS = 4-2, 3-2 ]		
* Lung	Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-2 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-017

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen			

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**OBSERVATIONS**

* Kidney	Hydronephrosis	Mild
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 18

**TRT#:** 9  
**DOSE:** SHAM CONTROL

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 90  
**HISTO:** 94-5108-018

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Marked
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 19

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 82

**DOSE:** SHAM CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-019

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 20

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-020

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Lymph Node, Mandibular

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 19	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-021

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung		Congestion	Mild
	Perivascular	Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 19	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-022

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mandibular	* Spleen	* Thymus
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---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 19	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-023

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Interstitialium	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 24

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-024

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Lung [ Lymphoma Malignant TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 19	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Liver	Inflammation	Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 27

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 113

**DOSE:** SHAM CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-027

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Lung	Hemorrhage	Minimal
[ Hemorrhage TGLS = 6-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 28

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-028

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

-

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Animal Note: TISSUES WERE LOST IN THE LABORATORY

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 29

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 105

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-029

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 30

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-030

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung  
\* Thymus

\* Lymph Node, Mandibular

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-031

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Liver	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-032

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mandibular \* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney		Hydronephrosis	Mild
		Lymphoma Malignant	
* Liver		Inflammation	Chronic, Minimal
* Lung	Interstitialium	Inflammation	Chronic, Mild
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	

[ Lymphoma Malignant TGLS = 2-3 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 98

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-033

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Lung [ Lymphoma Malignant TGLS = 5-1 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-034

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**MISSING**

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 35

**TRT#:** 7  
**DOSE:** 0.02 GAUSS

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 122  
**HISTO:** 94-5108-035

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung [ Lymphoma Malignant TGLS = 6-1 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-036

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Liver	Inflammation	Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-037

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lung	* Spleen	* Thymus
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---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Liver	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular	Hyperplasia	Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 82

**DOSE:** 0.02 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-038

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Spleen

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Lymphoma Malignant

\* Lymph Node, Mandibular

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 100

**DOSE:** 0.02 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-039

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 7-2 ] [ Necrosis TGLS = 6-2 ]	Lymphoma Malignant Necrosis	Moderate
* Lung [ Hemorrhage TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 8-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-040

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Thymus
---------	--------------------------	----------	----------

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 141
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-041

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric			

---

**MISSING**

\* Thymus

---

**OBSERVATIONS**

* Spleen	Lymph Follic	Hyperplasia	Mild
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---

PRIMARY CAUSE OF DEATH - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-042

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lung	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Lymph Node, Mandibular	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 43

**TRT#:** 7  
**DOSE:** 0.02 GAUSS

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 94  
**HISTO:** 94-5108-043

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 5-1 ]	
* Lymph Node, Mandibular	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-3 ]	
* Lymph Node, Mesenteric	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-2 ]	
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-3 ]	

---

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-044

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Thymus		

---

**OBSERVATIONS**

* Liver	Inflammation	Chronic, Minimal
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---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-045

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-2 ]	
* Thymus	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-046

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mandibular	* Spleen	* Thymus
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---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Serosa	Inflammation	Chronic, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-047

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-048

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Thymus		

---

**OBSERVATIONS**

* Liver	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-049

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lung	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Liver	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular	Hyperplasia	Marked

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 50

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-050

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 17	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-051

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Thymus		

---

**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Mild
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 52

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-052

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lung

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 53

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-053

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 5-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 17	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-054

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 55

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 126

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-055

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Lung	Hemorrhage	Minimal
[ Hemorrhage TGLS = 6-1 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-3 ]		

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 56

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 118

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-056

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4, 3-4, 4-4 ]	Hydronephrosis Lymphoma Malignant	Mild
* Liver [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 9-1 ]	Hemorrhage Lymphoma Malignant	Mild
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 8-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 57	<b>TRT#:</b> 17	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 112
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Natural Death	<b>HISTO:</b> 94-5108-057

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4, 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2, 6-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 8-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 58

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 98

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-058

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-4 ]	
* Liver	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-2 ]	
* Lymph Node, Mandibular	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 5-2 ]	
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-3 ]	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 59	<b>TRT#:</b> 17 <b>DOSE:</b> 0.02 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-059
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney		Hydronephrosis	Minimal
		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 60

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-060

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**MISSING**

\* Lymph Node, Mesenteric

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-061
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Liver	* Lung	* Spleen	* Thymus
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---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-3 ]	Hyperplasia	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 62

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 63	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-063
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Marked
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Thymus		Hyperplasia	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 64

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 2 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-064

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
[ Hemorrhage TGLS = 3-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-065
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b> * Lung * Thymus	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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<b>OBSERVATIONS</b> * Kidney * Liver	Inflammation Inflammation	Chronic, Mild Chronic, Minimal
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 66

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-066

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-2 ]	
* Thymus	Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 67

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-067

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-068
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lung	* Lymph Node, Mesenteric	* Spleen
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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney	Hydronephrosis	Minimal
	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic, Mild
* Lymph Node, Mandibular	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 69

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 82

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-069

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 6-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 70

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-070

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 71

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-071

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Marked

\* Thymus

Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 72	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-072
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Spleen			

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Thymus	Hyperplasia	Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 2 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-073

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver \* Thymus

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-074
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-3 ]		Hyperplasia	Moderate
* Thymus		Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 75

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-075

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

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**OBSERVATIONS**

\* Lung  
\* Lymph Node, Mandibular

Perivascular

Inflammation  
Hyperplasia

Chronic, Mild  
Marked

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 76

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 123

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-076

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Lung	Hemorrhage	Minimal
[ Hemorrhage TGLS = 3-1 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-077
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 5 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-078
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lung	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Mild
* Lymph Node, Mandibular	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 79

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-079

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 80

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 99

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-080

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 81

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-081

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 82

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-082

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 83

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 90

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-083

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular  [ Lymphoma Malignant TGLS = 1-3 ]	Hemorrhage Lymphoma Malignant	Mild
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 15 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-084
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lung	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular	Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 85

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 66

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-085

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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-3 ]	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 86

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-086

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:28

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 87

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-087

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 88	<b>TRT#:</b> 15 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-088
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lung	* Lymph Node, Mesenteric	* Spleen
* Thymus			

---

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular	Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 15 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 84 <b>HISTO:</b> 94-5108-089
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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 6-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Mild
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 90

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 105

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-090

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 91

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 111

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-091

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 3-4, 4-4 ]

\* Lung

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 6-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 125

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-092

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-4 ]

\* Liver

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 3-2 ]

\* Lung

Lymphoma Malignant

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-2 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 4-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 93

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-093

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 94

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-094

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Mild  
Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 95

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-095

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 96

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 34

**DOSE:** 10 GAUSSINTER

**DISP:** Natural Death

**HISTO:** 94-5108-096

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 97

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-097

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 98

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 121

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-098

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Kidney

Hydronephrosis

Mild

Lymphoma Malignant

[ Hydronephrosis TGLS = 4-4 ]

\* Lung

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-1 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 127

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-099

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-100

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 101

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 154

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-101

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 5-2 ]	Hyperplasia	Minimal
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 102

**TRT#:** 3  
**DOSE:** 10 GAUSSINTER

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 78  
**HISTO:** 94-5108-102

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 103

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-103

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Congestion

Minimal

[ Congestion TGLS = 1-2 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 104

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 111

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-104

**ORGAN AND ACCOUNTABLE SITE STATUS**

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 4-2, 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 7-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 105

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 81

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-105

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4 ]	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 106

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-106

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Liver  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Minimal  
Marked

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 107

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-107

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Hydronephrosis

Marked

Inflammation

Chronic, Mild

[ Hydronephrosis TGLS = 1-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 108

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-108

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
[ Hemorrhage TGLS = 5-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 109

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 98

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-109

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 110

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 84

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Kidney Lymphoma Malignant

[ Lymphoma Malignant TGLS = 3-4 ]

\* Liver Lymphoma Malignant

[ Lymphoma Malignant TGLS = 5-2 ]

\* Lung Hemorrhage Mild

Lymphoma Malignant

[ Hemorrhage TGLS = 7-1 ]

\* Lymph Node, Mesenteric Lymphoma Malignant

[ Lymphoma Malignant TGLS = 4-2 ]

\* Spleen Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-2 ]

\* Thymus Lymphoma Malignant

[ Lymphoma Malignant TGLS = 6-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 111

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 101

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-111

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Hydronephrosis Lymphoma Malignant	Mild
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 112

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-112

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Mild

\* Lung

Lymphoma Malignant

\* Spleen

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 113

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-113

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mesenteric

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 114

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 114

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-114

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 115

**TRT#:** 13  
**DOSE:** 10 GAUSSINTER

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 154  
**HISTO:** 94-5108-115

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-3 ]		

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 116

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 85

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-116

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 6-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Lymphoma Malignant TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Mild
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 117

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-117

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lung

\* Spleen

---

**OBSERVATIONS**

\* Lymph Node, Mandibular  
\* Lymph Node, Mesenteric

Hyperplasia  
Hyperplasia

Mild  
Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 118

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-118

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Thymus

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Hydronephrosis

Minimal

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 119

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-119

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 120

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-120

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Mild  
Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 121	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-121

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mandibular	* Spleen
* Thymus			

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Lung	Interstitialium	Inflammation	Chronic, Mild
	Serosa	Inflammation	Chronic, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 122

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-122

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung  
\* Thymus

\* Lymph Node, Mandibular

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 123

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-123

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Thymus

Atrophy

Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 124

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 103

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-124

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 3-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:28  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 125	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-125

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mandibular	* Spleen
* Thymus			

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Minimal
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---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 126

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-126

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Lung

Perivascular

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Moderate

\* Lymph Node, Mesenteric

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 127

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-127

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Spleen

\* Thymus

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 128	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-128

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Thymus		

---

<b>OBSERVATIONS</b>			
* Kidney	Inflammation		Chronic, Minimal

---

<b>PRIMARY CAUSE OF DEATH</b>	-		
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 129

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-129

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lung

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 130

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-130

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Minimal  
Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 131

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-131

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Thymus

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 132

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-132

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Liver  
\* Thymus

Inflammation  
Hyperplasia

Chronic, Mild  
Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 133

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-133

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Hydronephrosis

Mild

Inflammation

Chronic, Minimal

---

[ Hydronephrosis TGLS = 1-4 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 134

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-134

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 135

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-135

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Lung  
\* Lymph Node, Mandibular

Alveolar/Bronchiolar Adenoma  
Hyperplasia

Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 136

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-136

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Lung

Perivascular

Inflammation

Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 137	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-137

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lung	* Thymus
---------	--------	----------

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 138

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 64

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-138

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**OBSERVATIONS**

\* Lung

Lymphoma Malignant

\* Lymph Node, Mesenteric

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 139	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-139

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

---

* Kidney	* Liver	* Spleen	* Thymus
----------	---------	----------	----------

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

---

* Lung	Alveolar Epith	Hyperplasia	Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:29

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 140

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-140

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Alveolar Epith

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 141

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 106

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-141

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4, 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 7-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 142

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-142

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Infarct

Mild

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 143

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-143

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 144

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Minimal

[ Fatty Change TGLS = 3-2 ]

\* Lymph Node, Mandibular

Hyperplasia

Mild

[ Hyperplasia TGLS = 1-3 ]

\* Lymph Node, Mesenteric

Hyperplasia

Mild

[ Hyperplasia TGLS = 2-2 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 145

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 107

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-145

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-4 ]

\* Liver

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-2 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 4-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 146

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-146

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Minimal  
Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 147

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 154

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-147

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]		

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 148

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-148

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Liver

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 149

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 76

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-149

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 150

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Thymus

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 151

**TRT#:** 10  
**DOSE:** SHAM CONTROL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 132  
**HISTO:** 94-5108-151

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 6-1 ] [ Lymphoma Malignant TGLS = 7-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 152

**TRT#:** 10  
**DOSE:** SHAM CONTROL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 138  
**HISTO:** 94-5108-152

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Lung	Hemorrhage	Mild
[ Hemorrhage TGLS = 7-1 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-3 ]		

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 153

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 90

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-153

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**AUTO PRECLUDES DIAG.**

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

\* Liver

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-2 ]

\* Lymph Node, Mandibular

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 154

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-154

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 155

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-155

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Marked

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 156

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Minimal
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Hyperplasia	Moderate
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]		
* Thymus	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 157

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-157

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Alveolar/Bronchiolar Adenoma

\* Lymph Node, Mesenteric

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 158

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Thymus

**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Marked
* Liver	Inflammation	Chronic, Moderate
	Necrosis	Minimal
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 159

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-159

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Interstitial

Inflammation

Chronic, Mild

Perivascular

Inflammation

Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 160

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-160

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Lung  
\* Lymph Node, Mandibular

Perivascular

Inflammation  
Hyperplasia

Chronic, Minimal  
Marked

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 161

**TRT#:** 10  
**DOSE:** SHAM CONTROL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 90  
**HISTO:** 94-5108-161

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 162

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 123

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-162

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4, 5-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 7-2, 8-2 ]	Lymphoma Malignant
* Lung [ Lymphoma Malignant TGLS = 3-1 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 163

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 125

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-163

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 164

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-164

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 165	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-165

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mandibular                      \* Lymph Node, Mesenteric

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 166

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-166

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Thymus

**OBSERVATIONS**

* Kidney		Hydronephrosis	Mild
		Infarct	Mild
		Inflammation	Chronic, Marked
[ Hydronephrosis TGLS = 1-4 ]			
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-2 ]			
* Spleen		Infiltration Cellular	Mast Cell, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 167

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-167

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 168

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 120

**DOSE:** SHAM CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-168

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Liver

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Spleen

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 169

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-169

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Thymus

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Lymphoma Malignant	
* Lung	Interstitial	Inflammation	Chronic, Minimal
	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 170

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Thymus

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Moderate

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Lymph Follic

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 171

**TRT#:** 20  
**DOSE:** SHAM CONTROL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 114  
**HISTO:** 94-5108-171

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 172

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Thymus

Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 173

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-173

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Marked

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 174

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 97

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney \* Lymph Node, Mandibular

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Liver Lymphoma Malignant  
\* Lung Lymphoma Malignant  
\* Spleen Atrophy Moderate  
\* Thymus Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 175

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 176

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Thymus

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Spleen

Lymph Follic

Hyperplasia

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 177

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 178	<b>TRT#:</b> 20	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-178

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 179

**TRT#:** 20  
**DOSE:** SHAM CONTROL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 82  
**HISTO:** 94-5108-179

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
[ Hemorrhage TGLS = 3-1 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 180	<b>TRT#:</b> 20	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-180

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 181

**TRT#:** 8  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 91  
**HISTO:** 94-5108-181

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Lung	Hemorrhage Lymphoma Malignant Lymphoma Malignant	Marked
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 182

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-182

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 183

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lymph Node, Mandibular

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**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Mild

\* Lung

Lymphoma Malignant

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Spleen

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 184

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Thymus

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-3 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
[ Hyperplasia TGLS = 2-2 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 185

**TRT#:** 8  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 43  
**HISTO:** 94-5108-185

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Lung	Lymphoma Malignant	
* Spleen	Atrophy	Moderate
* Thymus	Lymphoma Malignant	

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[ Lymphoma Malignant TGLS = 1-3 ]

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 186

**TRT#:** 8  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 86  
**HISTO:** 94-5108-186

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 187

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-187

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung  
\* Thymus

\* Lymph Node, Mandibular

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 188

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Thymus

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 189

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 43

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

**MISSING**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Thymus

**OBSERVATIONS**

\* Liver

Hematopoietic Cell Proliferation

Mild

Inflammation

Chronic, Mild

\* Lung

Serosa

Inflammation

Chronic, Mild

\* Spleen

Hematopoietic Cell Proliferation

Moderate

[ Hematopoietic Cell Proliferation TGLS = 1-2 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 190	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-190

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-3 ]		Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 191

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 116

**DOSE:** 0.02 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-191

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4, 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 8-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 7-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 192

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 22

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Spleen

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Lung

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 193	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-193

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Marked
* Spleen	Lymph Follic	Hyperplasia	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 194

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 195

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 100

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

**OBSERVATIONS**

* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]			
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]			

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 196

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Moderate

\* Lymph Node, Mesenteric

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 197

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 113

**DOSE:** 0.02 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-197

**OBSERVATIONS**

* Kidney	Hydronephrosis Lymphoma Malignant	Marked
[ Hydronephrosis TGLS = 4-4 ]		
[ Lymphoma Malignant TGLS = 5-4 ]		
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 198	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-198

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen	Thyroid Gland
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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Necrosis	Minimal
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Marked

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 199

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

\* Thymus

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Marked
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 200	<b>TRT#:</b> 18 <b>DOSE:</b> 0.02 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-200
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 201	<b>TRT#:</b> 18	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver \* Thymus

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

[ Hematopoietic Cell Proliferation TGLS = 1-2 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 202

**TRT#:** 18  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 90  
**HISTO:** 94-5108-202

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 7-1 ]	Hemorrhage Lymphoma Malignant	Marked
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 203

**TRT#:** 18  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 141  
**HISTO:** 94-5108-203

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Lung	Lymphoma Malignant Thrombosis	Mild
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 1-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 204	<b>TRT#:</b> 18	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-204

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Kidney		Hydronephrosis	Moderate
		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Marked
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 1-2 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 205

**TRT#:** 18  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 141  
**HISTO:** 94-5108-205

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 206

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 0.02 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-206

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Moderate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 207	<b>TRT#:</b> 18	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-207

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Marked
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 208	<b>TRT#:</b> 18	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 0.02 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-208

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 209

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 138

**DOSE:** 0.02 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 210

**TRT#:** 18  
**DOSE:** 0.02 GAUSS

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 162  
**HISTO:** 94-5108-210

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 7-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 6 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-211
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mandibular	* Spleen
* Thymus			

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 212

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-212

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 213

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Mild

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Marked

\* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 214

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-214

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

\* Lymph Node, Mandibular

Hyperplasia

Moderate

[ Hyperplasia TGLS = 1-3 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 215

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Marked
* Thymus		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 216

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 217

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 106

**DOSE:** 2 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**AUTO PRECLUDES DIAG.**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
[ Hemorrhage TGLS = 5-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 218	<b>TRT#:</b> 6 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-218
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
* Lung	Perivascular	Inflammation	Chronic, Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 219

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 128

**DOSE:** 2 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-219

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 5-2 ]	
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-3 ]	
* Lymph Node, Mesenteric	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-2 ]	
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-3 ]	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 221

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 90

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-221

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 222

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 90

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-222

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Lung	Hemorrhage	Mild
	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 223

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 124

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-223

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4, 4-4 ]	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung [ Lymphoma Malignant TGLS = 6-1 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 7-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 224	<b>TRT#:</b> 6 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-224
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b>			
* Lung	* Lymph Node, Mesenteric	* Spleen	* Thymus
<b>OBSERVATIONS</b>			
* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 225

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-225

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Mild  
Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 226

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-226

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mesenteric

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 227

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 2 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4; 4-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 228

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 229

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-229

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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 230

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 120

**DOSE:** 2 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-230

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03

**Test Type:** 150-DAY

**Route:** MAGNETIC FIELDS

**Species/Strain:** Mouse/PIM

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:45:29

**First Dose M/F:** NA / NA

**Lab:** IIT

---

**ANIMAL ID:** 231

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 7

**DOSE:** 2 GAUSS

**DISP:** Other

**HISTO:** 94-5108-231

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

-

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Animal Note: TISSUES CANNIBALIZED

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 232

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-232

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**OBSERVATIONS**

* Kidney	Inflammation	Chronic, Minimal
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 233

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-233

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mandibular

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 234	<b>TRT#:</b> 16 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-234
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Kidney	* Liver	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 235

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-235

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Liver

Inflammation

Chronic, Moderate

\* Lung

Perivascular

Inflammation

Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 236

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 81

**DOSE:** 2 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-236

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Mild
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 237

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

[ Lymphoma Malignant TGLS = 1-3 ]

Lymphoma Malignant

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 238

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-238

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Marked

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 239	<b>TRT#:</b> 16 <b>DOSE:</b> 2 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-239
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b> * Liver * Thymus	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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<b>OBSERVATIONS</b> * Kidney * Lung	Perivascular	Inflammation Inflammation	Chronic, Mild Chronic, Marked
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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 240

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 2 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-240

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-4 ]	
* Liver	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-2 ]	
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-3 ]	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 241

**TRT#:** 4  
**DOSE:** 10 GAUSSINTER

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 120  
**HISTO:** 94-5108-241

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4 ]		Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2 ]		Lymphoma Malignant	
* Lung * Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Perivascular	Inflammation Lymphoma Malignant	Chronic, Moderate
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]		Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 242	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-242

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 243

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 136

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-243

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 7-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 244

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-244

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**MISSING**

\* Lymph Node, Mesenteric

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 245

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 36

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-245

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Liver

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Spleen

Hematopoietic Cell Proliferation

Mild

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 246	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-246

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Marked

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 247

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 83

**DOSE:** 10 GAUSSINTER

**DISP:** Natural Death

**HISTO:** 94-5108-247

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 1-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 248

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-248

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Moderate

\* Lung

Perivascular

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Moderate

\* Lymph Node, Mesenteric

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 249

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 153

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-249

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 3-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 1-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 250

**TRT#:** 4  
**DOSE:** 10 GAUSSINTER

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 90  
**HISTO:** 94-5108-250

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant	
* Lung	Hemorrhage Lymphoma Malignant Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 251	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-251

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 252

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-252

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Minimal

[ Hyperplasia TGLS = 1-3 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 253

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-253

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Lung  
\* Lymph Node, Mandibular

Perivascular

Inflammation  
Hyperplasia

Chronic, Moderate  
Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 153

**DOSE:** 10 GAUSSINTER

**DISP:** Natural Death

**HISTO:** 94-5108-254

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

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**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Lymph Node, Mandibular

Hyperplasia

Moderate

\* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Mild

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 257	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Marked

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 258

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Spleen \* Thymus

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 259

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 GAUSSINTER

**DISP:** Natural Death

**HISTO:** 94-5108-259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Kidney Lymphoma Malignant

\* Liver Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-2, 4-2, 5-2, 6-2 ]

\* Lung Perivascular Inflammation Chronic, Moderate

\* Lymph Node, Mesenteric Lymphoma Malignant

\* Spleen Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-2 ]

\* Thymus Lymphoma Malignant

[ Lymphoma Malignant TGLS = 3-3 ]

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 260

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-260

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mandibular

\* Spleen

---

**OBSERVATIONS**

\* Lung  
\* Lymph Node, Mesenteric

Perivascular

Inflammation  
Hyperplasia

Chronic, Moderate  
Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 261

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-261

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 262	<b>TRT#:</b> 14	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-262

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 263

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Spleen

\* Thymus

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Amyloid Deposition

Moderate

[ Amyloid Deposition TGLS = 1-4 ]

\* Lung

Perivascular

Inflammation

Chronic, Marked

\* Lymph Node, Mandibular

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 264

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 132

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-264

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 2-2 ] [ Necrosis TGLS = 3-2 ]	Lymphoma Malignant Necrosis	Mild
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 7-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 265

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 99

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-265

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 6-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 266

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 98

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-266

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung  [ Hemorrhage TGLS = 5-1 ]	Hemorrhage Lymphoma Malignant	Moderate
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 267	<b>TRT#:</b> 14	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSSINTER	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-267

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Thymus		Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 268

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-268

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Fatty Change	Moderate
	Lymphoma Malignant	
[ Fatty Change TGLS = 3-2 ]		
[ Lymphoma Malignant TGLS = 4-2 ]		
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-3 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 269

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSSINTER

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-269

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Lymphoma Malignant

\* Thymus

Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 270

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10 GAUSSINTER

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 3-4 ]

\* Liver

Lymphoma Malignant

\* Lung

Lymphoma Malignant

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-2 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 4-3 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 271

**TRT#:** 2  
**DOSE:** 10 GAUSS

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 89  
**HISTO:** 94-5108-271

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 5-4 ]	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Marked
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 1-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 272

**TRT#:** 2  
**DOSE:** 10 GAUSS

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 97  
**HISTO:** 94-5108-272

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 273

**TRT#:** 2  
**DOSE:** 10 GAUSS

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 162  
**HISTO:** 94-5108-273

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Mild  
Mild

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 274	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-274

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Lymph Node, Mesenteric	* Spleen	* Thymus
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**OBSERVATIONS**

* Liver		Inflammation	Chronic, Minimal
* Lung		Hemorrhage	Mild
	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 275

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 121

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-275

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 6-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 4-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3 ]	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 276	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-276

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Moderate

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 277	<b>TRT#:</b> 2 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-277
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Thymus			

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Mild
* Lung	Perivascular	Inflammation	Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 278

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-278

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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 2-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 1-3, 3-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 279

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 124

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-279

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 4-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 280

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 10 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-280

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**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-2 ]	
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-2 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-3, 4-3 ]	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 281

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 111

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-281

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 2-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 6-3 ]	Lymphoma Malignant

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 282

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 99

**DOSE:** 10 GAUSS

**DISP:** Moribund Sacrifice

**HISTO:** 94-5108-282

---

**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Lung	Hemorrhage	Mild
	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 4-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 5-3, 6-3 ]	Lymphoma Malignant	

---

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 283

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-3 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 1-2 ]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 284

**TRT#:** 2  
**DOSE:** 10 GAUSS

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 148  
**HISTO:** 94-5108-284

---

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Hemorrhage	Moderate
	Lymphoma Malignant	
[ Hemorrhage TGLS = 4-1 ]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 285

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 78

**DOSE:** 10 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-285

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 4-4 ]	Lymphoma Malignant
* Liver [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-2 ]	Lymphoma Malignant
* Spleen [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant
* Thymus [ Lymphoma Malignant TGLS = 2-3, 6-3 ]	Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 286

**TRT#:** 2  
**DOSE:** 10 GAUSS

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 162  
**HISTO:** 94-5108-286

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Kidney  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

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**OBSERVATIONS**

\* Liver  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Minimal  
Marked

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 287

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

\* Lung

Perivascular

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 288

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Spleen

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Marked
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Thymus		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 289

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Thymus

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 290

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 10 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-290

**OBSERVATIONS**

* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]		
* Lung	Hemorrhage	Moderate
[ Hemorrhage TGLS = 5-1 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]		
* Thymus	Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 291	<b>TRT#:</b> 12 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-291
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-3 ]		Hyperplasia	Marked
* Spleen	Lymph Follic	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 292	<b>TRT#:</b> 12 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-292
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Spleen
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**OBSERVATIONS**

* Lung	Perivascular	Alveolar/Bronchiolar Adenoma Inflammation Hyperplasia	Chronic, Mild Minimal Moderate
* Lymph Node, Mandibular		Hyperplasia	
* Thymus		Hyperplasia	

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 293

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-293

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

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**OBSERVATIONS**

\* Kidney  
\* Lymph Node, Mandibular

Inflammation  
Hyperplasia

Chronic, Moderate  
Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 294

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 103

**DOSE:** 10 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**AUTO PRECLUDES DIAG.**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Liver

Histiocytic Sarcoma

\* Spleen

Histiocytic Sarcoma

[ Histiocytic Sarcoma TGLS = 3-2 ]

\* Thymus

Histiocytic Sarcoma

[ Histiocytic Sarcoma TGLS = 2-3 ]

**PRIMARY CAUSE OF DEATH**

- Liver Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 295

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-295

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

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**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 296	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 120
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 94-5108-296

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**OBSERVATIONS**

* Kidney [ Lymphoma Malignant TGLS = 3-4 ]	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 6-2, 9-2 ]	Lymphoma Malignant	
* Lung [ Hemorrhage TGLS = 5-1 ]	Hemorrhage Lymphoma Malignant	Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-3 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 7-2 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-2 ]	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 4-3, 8-3 ]	Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 297

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-297

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 298	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-298

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mandibular	* Spleen	* Thymus
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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 299

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-299

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung  
\* Thymus

\* Lymph Node, Mandibular

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-03  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/PIM

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:45:29  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 300	<b>TRT#:</b> 12 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-300
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Spleen	* Thymus
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**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Lung	Perivascular	Inflammation	Chronic, Moderate
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE