

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

<b>C Number:</b>	C89029B
<b>Lock Date:</b>	01/03/1995
<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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 301	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-301

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Liver	Fatty Change	Moderate
[ Fatty Change TGLS = 1-2 ]		

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 302	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-302

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 303

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-303

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Spleen

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Mild

[ Fatty Change TGLS = 1-2 ]

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 304

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-304

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Liver

Fatty Change

Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Mild

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-2 ]

\* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 305

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-305

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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

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 306

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-306

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 307

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-307

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Thymus

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Minimal

[ Fatty Change TGSL = 1-2 ]

\* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 308

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-308

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Liver

Fatty Change

Mild

[ Fatty Change TGLS = 1-2 ]

\* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 309

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-309

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 310

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-310

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Lung

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Liver

Fatty Change

Moderate

[ Fatty Change TGLS = 1-2 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 311	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-311

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-2 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 312

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-312

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 313	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-313

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Thymus
----------	--------	----------

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**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 314

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-314

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 315	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-315

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Liver	Fatty Change	Mild
[ Fatty Change TGLS = 1-2 ]		

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 316

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-316

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 317

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-317

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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

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-318

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

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

---

<b>OBSERVATIONS</b>			
* Thymus		Cyst	Minimal

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 319

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-319

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Spleen

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Thymus

Cyst

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 320

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-320

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 321

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-321

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Liver

Fatty Change

Mild

[ Fatty Change TGLS = 1-2 ]

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 322

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-322

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Liver

Fatty Change

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 323

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-323

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 324

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-324

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Spleen

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 325

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-325

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Liver

Fatty Change

Minimal

[ Fatty Change TGLS = 1-2 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 326

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-326

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 327	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-327

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Liver	Fatty Change	Mild
[ Fatty Change TGLS = 1-2 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 328	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 163
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-328

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lung	* Spleen
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**OBSERVATIONS**

* Lymph Node, Mandibular	Hyperplasia	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Thymus	Cyst	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 329

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-329

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 330

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-330

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 331

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-331

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Mild

[ Fatty Change TGLS = 1-2 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 332	<b>TRT#:</b> 1 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-332
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 333

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-333

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 334

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-334

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 335

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 139

**DOSE:** 10 GAUSS

**DISP:** Natural Death

**HISTO:** 94-5108-335

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lymph Node, Mandibular

\* Thymus

**OBSERVATIONS**

\* Liver

Sarcoma

[ Sarcoma TGLS = 2-2 ]

\* Lung

Sarcoma

Metastatic (Liver)

\* Lymph Node, Mesenteric

Hemorrhage

Mild

\* Spleen

Hematopoietic Cell Proliferation

Moderate

[ Hematopoietic Cell Proliferation TGLS = 1-2 ]

**PRIMARY CAUSE OF DEATH**

- Liver Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 336

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-336

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 337	<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> 94-5108-337

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Liver	Fatty Change	Mild
[ Fatty Change TGLS = 1-2 ]		
* Thymus	Cyst	Minimal

---

PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 338

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-338

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Liver

Fatty Change

Minimal

[ Fatty Change TGLS = 1-2 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 339	<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> 94-5108-339

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Spleen	* Thymus
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---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

* Liver	Fatty Change	Mild
[ Fatty Change TGLS = 1-2 ]		
* Lymph Node, Mandibular	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 340

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-340

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 341

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-341

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 342	<b>TRT#:</b> 5 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-342
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b> * Kidney * Thymus	* Lung	* Lymph Node, Mesenteric	* Spleen
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<b>OBSERVATIONS</b> * Liver * Lymph Node, Mandibular	Fatty Change Hyperplasia	Minimal Minimal
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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 343

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-343

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 344

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-344

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 345

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-345

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**MISSING**

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 346	<b>TRT#:</b> 5 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-346
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Liver	Fatty Change	Moderate
[ Fatty Change TGLS = 1-2 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 347

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-347

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 348

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-348

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 349

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-349

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Spleen

Lymph Follic

Hyperplasia

Minimal

\* Thymus

Cyst

Minimal

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 350

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-350

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 351

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-351

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 352

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-352

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Thymus

Cyst

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 353

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-353

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 354

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-354

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Fatty Change

Minimal

[ Fatty Change TGLS = 1-2 ]

\* Thymus

Hyperplasia

Atypical, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 355

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-355

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 356

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-356

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 357	<b>TRT#:</b> 5 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 163 <b>HISTO:</b> 94-5108-357
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Liver	Fatty Change	Moderate
[ Fatty Change TGLS = 1-2 ]		
* Lymph Node, Mandibular	Hyperplasia	Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 358

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-358

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Lung

\* Lymph Node, Mandibular

\* Spleen

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Liver

Fatty Change

Minimal

[ Fatty Change TGLS = 1-2 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 359

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-359

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 360

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 163

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-360

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 361	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-361

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Spleen [ Hyperplasia TGLS = 1-2 ]	Lymph Follic	Hyperplasia	Minimal
* Thymus [ Thymoma Benign TGLS = 2-3 ]		Thymoma Benign	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 362	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-362

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 363	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-363

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 364	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-364

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

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

---

<b>OBSERVATIONS</b>			
* Thymus		Cyst	Minimal

---

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 365	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-365

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 366

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-366

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Spleen

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lung  
\* Thymus

Perivascular

Inflammation  
Cyst

Chronic, Moderate  
Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 367	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-367

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 368	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-368

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Spleen	* Thymus
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---

**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 369

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-369

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 370	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-370

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Thymus
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---

**OBSERVATIONS**

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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-371

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Liver  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic, Minimal  
Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 372

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-372

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 373	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-373

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lymph Node, Mesenteric	* Thymus
----------	--------------------------	----------

---

**OBSERVATIONS**

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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 374	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-374

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

**OBSERVATIONS**

* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 375	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-375

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

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

---

---

<b>OBSERVATIONS</b>			
* Liver		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild

---

---

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 376	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-376

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Lung	Interstitial	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Marked
[ Hyperplasia TGLS = 1-3 ]			

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 377	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-377

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 378

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-378

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Spleen

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lung  
\* Thymus

Perivascular

Inflammation  
Cyst

Chronic, Minimal  
Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 379

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-379

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 380

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-380

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lung

\* Lymph Node, Mandibular

---

**MISSING**

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 381	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-381

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

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

---

<b>OBSERVATIONS</b>			
* Lung	Perivascular	Inflammation	Chronic, Mild
* Thymus		Cyst	Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 382	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-382

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 383

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-383

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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**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-384

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 385

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 154

**DOSE:** SHAM CONTROL

**DISP:** Natural Death

**HISTO:** 94-5108-385

**ORGAN AND ACCOUNTABLE SITE STATUS**

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 2-3 ]	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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 386

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-386

---

**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

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 387	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-387

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Liver		Inflammation	Chronic, Moderate
* Lung	Perivascular	Inflammation	Chronic, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 388	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-388

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
<b>OBSERVATIONS</b>			
* Lung	Perivascular	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Histiocytic, Moderate
[ Hyperplasia TGLS = 1-2 ]			
* Thymus		Cyst	Minimal
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 389	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> SHAM CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-389

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lung	* Spleen
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**OBSERVATIONS**

* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Thymus		Cyst	Minimal
		Hyperplasia	Focal, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** SHAM CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-390

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 391

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-391

---

**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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 392	<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> 94-5108-392

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 393

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-393

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Spleen

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Kidney

Inflammation

Chronic, Minimal

\* Liver

Inflammation

Chronic, Moderate

\* Lymph Node, Mandibular

Hemangioma

\* Thymus

Hyperplasia

Marked

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 394	<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> 94-5108-394
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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	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Thymus		Hyperplasia	Atypical, Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 395	<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> 94-5108-395

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

* Lymph Node, Mandibular		Hyperplasia	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 396

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-396

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mesenteric

\* Spleen

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Mild

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 397

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-397

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Thymus

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Spleen  
[ Hematopoietic Cell Proliferation TGLS = 1-2 ]

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 398	<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> 94-5108-398

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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, Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 399

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-399

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Lung

Perivascular

Inflammation

Chronic, Mild

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 400	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-400
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 401

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-401

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 402

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-402

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 403

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-403

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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:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 404	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-404
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 405	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-405
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 406	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-406

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Lung	* Spleen
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**MISSING**

\* Lymph Node, Mandibular

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**OBSERVATIONS**

* Liver	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Thymus	Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

**ANIMAL ID:** 407

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-407

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

\* Lung  
\* Spleen

Perivascular

Inflammation  
Hyperplasia

Chronic, Moderate  
Histiocytic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 408

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-408

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Thymus

---

**OBSERVATIONS**

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 409

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-409

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 410	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-410
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

---

**OBSERVATIONS**

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

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 411	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-411

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

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

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



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 412	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-412
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

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**OBSERVATIONS**

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 413

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-413

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Moderate

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-2 ]

\* Thymus

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 414

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-414

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney  
\* Thymus

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Lung  
\* Spleen

Perivascular  
Lymph Follic

Inflammation  
Hyperplasia

Chronic, Moderate  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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**ANIMAL ID:** 415

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-415

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney  
\* Lymph Node, Mesenteric

\* Liver  
\* Spleen

\* Lung

\* Lymph Node, Mandibular

---

**OBSERVATIONS**

\* Thymus

Cyst

Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

---

<b>ANIMAL ID:</b> 416	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 162
	<b>DOSE:</b> 10 GAUSS	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 94-5108-416

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Lymph Node, Mesenteric

---

**OBSERVATIONS**

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* Liver	Necrosis	Minimal
* Thymus	Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 417	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-417
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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<b>ANIMAL ID:</b> 418	<b>TRT#:</b> 6 <b>DOSE:</b> 10 GAUSS	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 162 <b>HISTO:</b> 94-5108-418
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

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* Liver		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 419

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-419

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Liver

\* Lung

\* Thymus

**OBSERVATIONS**

\* Lymph Node, Mandibular

Hyperplasia

Mild

\* Lymph Node, Mesenteric

Hyperplasia

Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Lymph Follic

Hyperplasia

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 89029-04  
**Test Type:** 150-DAY  
**Route:** MAGNETIC FIELDS  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:54:51  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**ANIMAL ID:** 420

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 162

**DOSE:** 10 GAUSS

**DISP:** Terminal Sacrifice

**HISTO:** 94-5108-420

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Kidney

\* Lymph Node, Mesenteric

\* Spleen

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Moderate

\* Lung

Perivascular

Inflammation

Chronic, Minimal

\* Lymph Node, Mandibular

Hyperplasia

Minimal

\* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE