

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Magnetic fields (EMF)

CAS Number: MAGNETIC

Date Report Requested: 10/20/2014

Time Report Requested: 19:46:31

First Dose M/F: NA / NA

Lab: IIT

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

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CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
10 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
	6	6	6	0	6	6	6	6	6	6	6	6	6	9	6	6	6	6	6
	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	4	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
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Cardiovascular System

NONE																				19
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Endocrine System

NONE																				19
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

General Body System

NONE																				19
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

Genital System

NONE																				19
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Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Lymph Node, Mesenteric	M	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	M	+	M	13
------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Integumentary System

NONE																				19
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Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
10 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
	6	6	6	0	6	6	6	6	6	6	6	6	9	6	6	6	6	6	6
	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	4	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Alveolar/Bronchiolar Adenoma														X						1
Special Senses System																				
NONE																				
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
SYSTEMIC LESIONS																				
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Lymphoma Malignant				X										X				X		3

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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 First Dose M/F: NA / NA
 Lab: IIT

**PIM Mouse Male
 10 GAUSSINTER**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0
	1	2	6	6	6	3	6	2	2	6	5	7	6	1	8	6	6	9	9
	1	5	3	3	3	4	3	1	7	3	4	8	3	1	1	3	3	1	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + 19

Lymph Node, Mesenteric M + + + + + + M + + + + + M + + + + + 16

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + + + + + + + + + + + + + + 19

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
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 Lab: IIT

PIM Mouse Male
10 GAUSSINTER

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0
	1	2	6	6	6	3	6	2	2	6	5	7	6	1	8	6	6	9	9
	1	5	3	3	3	4	3	1	7	3	4	8	3	1	1	3	3	1	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																			
NONE																			
Urinary System																			
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																			
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant	X	X				X		X	X		X	X		X	X		X	X	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
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 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
2 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0
	6	6	6	0	6	6	6	6	8	6	6	6	6	6	6	2	6	6	8
	3	3	3	1	3	3	3	3	2	3	3	3	3	3	3	3	3	3	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + 19

Lymph Node, Mesenteric M + + + + + + + + + + + M M + + + + M + 15

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + + + M + + + + + + + + + + 18

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
2 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0
	6	6	6	0	6	6	6	6	8	6	6	6	6	6	2	6	6	8	
	3	3	3	1	3	3	3	3	2	3	3	3	3	3	3	3	3	7	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Special Senses System																			
NONE																			
Urinary System																			
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
SYSTEMIC LESIONS																			
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Lymphoma Malignant				X	X			X	X			X	X			X			7

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
0.02 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1
	6	6	9	6	2	6	6	8	0	6	4	6	9	6	6	6	6	6	6
	3	3	8	3	2	3	3	2	0	3	1	3	4	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + M + + + + + + + + + + + + + 18

Lymph Node, Mesenteric M M + + + + M M + + + + + + M M + + + 13

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + + + + + + M + + + + + + + + 18

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
0.02 GAUSS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1
	6	6	9	6	2	6	6	8	0	6	4	6	9	6	6	6	6	6	6
	3	3	8	3	2	3	3	2	0	3	1	3	4	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																			
NONE																			
Urinary System																			
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																			
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant		X	X	X	X			X	X			X		X					

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
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 First Dose M/F: NA / NA
 Lab: IIT

**PIM Mouse Male
 SHAM CONTROL**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	
	3	6	6	2	6	5	7	2	6	6	7	8	5	6	6	6	6	9	8	
	8	3	3	0	3	7	9	4	3	3	2	2	4	3	3	3	0	2		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	
	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8	9
	*TOTALS																			

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Hepatocellular Carcinoma																X				1

Cardiovascular System

NONE																					
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Endocrine System

NONE																					
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General Body System

NONE																					
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Genital System

NONE																					
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Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	18
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19

Integumentary System

NONE																					
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
SHAM CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0
	3	6	6	2	6	5	7	2	6	6	7	8	5	6	6	6	6	9	8
	8	3	3	0	3	7	9	4	3	3	2	2	4	3	3	3	3	0	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	*TOTALS																		

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+ + + + + + + + + + + + + + + + + + 19

Carcinoma, Metastatic, Liver

X 1

Special Senses System

NONE

Urinary System

Kidney

+ + + + + + + + + + + + + + + + + + 19

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + + + + + + + + + 19

Lymphoma Malignant

X X X X X X X X X X X X X X X X X X 10

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:32

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
10 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | |
| | 6 | 0 | 6 | 6 | 6 | 0 | 6 | 5 | 6 | 7 | 6 | |
| | 3 | 6 | 3 | 3 | 3 | 7 | 3 | 4 | 3 | 6 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 11

Lymph Node, Mesenteric + + + + + + + + + + 11

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
10 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|----------------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | |
| | 6 | 0 | 6 | 6 | 6 | 0 | 6 | 5 | 6 | 7 | 6 | |
| | 3 | 6 | 3 | 3 | 3 | 7 | 3 | 4 | 3 | 6 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | | X | | | | X | | X | | X | | 4 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:32

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
10 GAUSSINTER

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | |
| | 8 | 0 | 6 | 6 | 1 | 5 | 8 | 6 | 6 | 6 | 6 | |
| | 4 | 1 | 3 | 3 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular M + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + + + M + + 10

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
10 GAUSSINTER

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|----------------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | |
| | 8 | 0 | 6 | 6 | 1 | 5 | 8 | 6 | 6 | 6 | 6 | |
| | 4 | 1 | 3 | 3 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | X | X | X | | X | X | X | | | | | 6 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
2 GAUSS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| | 9 | 6 | 9 | 9 | 6 | 6 | 6 | 6 | 6 | 8 | 0 |
| | 9 | 3 | 5 | 0 | 3 | 6 | 3 | 3 | 3 | 4 | 5 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | *TOTALS | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 11

Lymph Node, Mesenteric + + + + M + + + + + 10

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:32

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
2 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | |
| | 9 | 6 | 9 | 9 | 6 | 6 | 6 | 6 | 6 | 8 | 0 | |
| | 9 | 3 | 5 | 0 | 3 | 6 | 3 | 3 | 3 | 4 | 5 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | X | | X | X | | X | | | | X | X | 6 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:32
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Male
0.02 GAUSS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| | 6 | 6 | 9 | 9 | 6 | 2 | 1 | 1 | 9 | 6 | 6 |
| | 3 | 3 | 4 | 1 | 3 | 6 | 8 | 2 | 8 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | *TOTALS | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 11

Lymph Node, Mesenteric + + M + + + + + + + M 9

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:32

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
0.02 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | |
| | 6 | 6 | 9 | 9 | 6 | 2 | 1 | 1 | 9 | 6 | 6 | |
| | 3 | 3 | 4 | 1 | 3 | 6 | 8 | 2 | 8 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | | | X | X | | X | X | X | X | | | 6 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:32

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
SHAM CONTROL

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 6 | 0 | 6 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + M + + + 9

Spleen + + + + + + + + + + 10

Thymus + + + + + + + + + + 10

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Male
SHAM CONTROL

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 6 | 0 | 6 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|--|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | | + | + | | 10 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | | + | + | | 10 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | | + | + | | 10 |
| Lymphoma Malignant | X | | | | X | | | X | X | | | 4 |

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:33
 First Dose M/F: NA / NA
 Lab: IIT

**PIM Mouse Female
 10 GAUSS**

| | | | | | | | | | | | | | | | | | | | |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| | 8 | 9 | 6 | 6 | 2 | 6 | 6 | 9 | 2 | 9 | 1 | 9 | 6 | 4 | 7 | 6 | 6 | 6 | 6 |
| | 9 | 7 | 2 | 2 | 1 | 2 | 2 | 6 | 4 | 6 | 1 | 9 | 2 | 8 | 8 | 2 | 2 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + 19

Lymph Node, Mesenteric + + + + + + + + + + + + + + + + + + 19

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + M + + + + + + + + + + + + 18

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSS

| | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| | 8 | 9 | 6 | 6 | 2 | 6 | 6 | 9 | 2 | 9 | 1 | 9 | 6 | 4 | 7 | 6 | 6 | 6 | 6 |
| | 9 | 7 | 2 | 2 | 1 | 2 | 2 | 6 | 4 | 6 | 1 | 9 | 2 | 8 | 8 | 2 | 2 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NONE | | | | | | | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Special Senses System | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | X | X | | | X | | | X | X | X | X | X | X | X | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:33
 First Dose M/F: NA / NA
 Lab: IIT

**PIM Mouse Female
 10 GAUSSINTER**

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | 2 | 6 | 3 | 6 | 3 | 6 | 8 | 6 | 5 | 9 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 9 |
| | 0 | 2 | 6 | 2 | 6 | 2 | 3 | 2 | 3 | 0 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 4 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + 19

Lymph Node, Mesenteric + + + M + + + + + + + + + + + + + + + + 18

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + + + + + + + + + + + + + + 19

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSSINTER

| | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | 2 | 6 | 3 | 6 | 3 | 6 | 8 | 6 | 5 | 9 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 9 |
| | 0 | 2 | 6 | 2 | 6 | 2 | 3 | 2 | 3 | 0 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 4 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Special Senses System | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Lymphoma Malignant | X | | X | | X | | X | X | | | | | X | X | | | | | X | 9 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:33
 First Dose M/F: NA / NA
 Lab: IIT

**PIM Mouse Female
 2 GAUSS**

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 2 | 6 | 9 | 9 | 2 | 6 | 6 | 6 | 9 | 6 | 6 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 8 | 2 | 0 | 0 | 4 | 2 | 2 | 2 | 3 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Hepatocellular Adenoma | | | | | | | | X | | | | | | | | | | | | 1 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

| | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Lymph Node, Mesenteric | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 17 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
2 GAUSS

| | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 2 | 6 | 9 | 9 | 2 | 6 | 6 | 6 | 9 | 6 | 6 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 8 | 2 | 0 | 0 | 4 | 2 | 2 | 2 | 3 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+ + + + + + + + + + + + + + + + + + 19

Special Senses System

NONE

Urinary System

Kidney

+ + + + + + + + + + + + + + + + + + 19

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + + + + + + + + + 19

Lymphoma Malignant

X X X X X X X X X X X X X X X X X X 8

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:33
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Female
0.02 GAUSS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 9 | 6 | 6 | 6 | 4 | 8 | 6 | 6 | 4 | 6 | 1 | 2 | 6 | 6 | 0 | 6 | 1 | 6 | 6 |
| | 1 | 2 | 2 | 2 | 3 | 6 | 2 | 2 | 3 | 2 | 6 | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

Thyroid Gland + 1

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + M + + + + + + + + 18

Lymph Node, Mesenteric + + + + + + + + M + + M + + + + + + + 17

Spleen + + + + + + + + + + + + + + + + + + 19

Thymus + + + + + + + + M + + + + + + + + M + 17

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
0.02 GAUSS

| | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 9 | 6 | 6 | 6 | 4 | 8 | 6 | 6 | 4 | 6 | 1 | 2 | 6 | 6 | 0 | 6 | 1 | 6 | 6 |
| | 1 | 2 | 2 | 2 | 3 | 6 | 2 | 2 | 3 | 2 | 6 | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Special Senses System | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 19 |
| Lymphoma Malignant | X | | X | | X | X | | | | | X | X | | | X | | X | | 8 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:33
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Female
SHAM CONTROL

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3 | 3 | 9 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 2 | 2 | 6 | 6 | 6 | 6 | 2 | 6 |
| | 2 | 8 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 5 | 2 | 2 | 2 | 2 | 0 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | *TOTALS | | | | | | | | | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + + + + + + + + + 19

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + 19

Lymph Node, Mesenteric + + A + + + + + + + + + + + + + + + + M 17

Spleen + + A + + + + + + + + + + + + + + + + 18

Thymus + + + + + + + + + + + + + + M + + + + 18

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIM Mouse Female
SHAM CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ANIMAL ID | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 3 | 3 | 9 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 2 | 2 | 6 | 6 | 6 | 6 | 2 | 6 | |
| | | 2 | 8 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 5 | 2 | 2 | 2 | 2 | 0 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | *TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| NONE | | | | | | | | | | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Special Senses System | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 19 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 19 |
| Lymphoma Malignant | | X | X | X | | | X | | X | | | X | X | X | | | | | | X | X | 10 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:33

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 9 | 6 | 6 | 6 | 0 | 6 | 2 | 6 | 6 | 6 | 6 | |
| | 2 | 2 | 2 | 2 | 3 | 2 | 0 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + A + + + + + 10

Lymph Node, Mesenteric + + + + A + + + M + + 9

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 9 | 6 | 6 | 6 | 0 | 6 | 2 | 6 | 6 | 6 | 6 | |
| | 2 | 2 | 2 | 2 | 3 | 2 | 0 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | A | + | + | + | + | + | + | 10 |
| Alveolar/Bronchiolar Adenoma | | | X | | | | | | | | | 1 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | A | + | + | + | + | + | + | 10 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Histiocytic Sarcoma | | | | | X | | | | | | | 1 |
| Lymphoma Malignant | X | | | | | | X | | | | | 2 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSSINTER

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | |
| | 6 | 6 | 6 | 6 | 3 | 9 | 9 | 6 | 6 | 6 | 9 | |
| | 2 | 2 | 2 | 2 | 2 | 9 | 8 | 2 | 2 | 2 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 11

Lymph Node, Mesenteric + + + M + + + + + + 10

Spleen + + + + + + + + + + 11

Thymus + + + + + + + + + + 11

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
10 GAUSSINTER

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | |
| | 6 | 6 | 6 | 6 | 3 | 9 | 9 | 6 | 6 | 6 | 9 | |
| | 2 | 2 | 2 | 2 | 2 | 9 | 8 | 2 | 2 | 2 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | | | | | X | X | X | X | X | X | X | 7 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
2 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | |
| | 2 | 0 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 6 | 6 | |
| | 0 | 7 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + M + + + + + + 9

Spleen + + + + + + + + + + 10

Thymus + + + + + + + + + + 10

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
2 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | |
| | 2 | 0 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 6 | 6 | |
| | 0 | 7 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|--|---|--|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | | + | | + | + | + | + | + | + | + | + | 10 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | | + | | + | + | + | + | + | + | + | + | 10 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | | + | | + | + | + | + | + | + | + | + | 10 |
| Lymphoma Malignant | | X | | X | | | X | X | | | X | 5 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
0.02 GAUSS

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 9 | 4 | 6 | 4 | 6 | 6 | 6 | 3 | 6 | |
| | 2 | 2 | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | 11 |
|-------|---|---|---|---|---|---|---|---|---|---|---|----|

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

| | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | 11 |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric | + | M | + | + | + | + | + | + | + | M | + | 9 |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | 11 |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | 11 |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:46:34
 First Dose M/F: NA / NA
 Lab: IIT

PIM Mouse Female
0.02 GAUSS

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 9 | 4 | 6 | 4 | 6 | 6 | 6 | 3 | 6 |
| | 2 | 2 | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 8 | 2 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | *TOTALS | | | | | | | | | | |

| | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | | | X | X | | X | | | X | X | 5 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
SHAM CONTROL

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | |
| | 6 | 1 | 6 | 6 | 9 | 6 | 6 | 6 | 6 | 8 | 6 | |
| | 2 | 4 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | 11 |
|-------|---|---|---|---|---|---|---|---|---|---|---|----|

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

| | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | 11 |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric | + | + | + | + | M | + | + | + | + | + | M | 9 |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | 11 |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | 11 |
|--------|---|---|---|---|---|---|---|---|---|---|---|----|

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 89029-03

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 150-DAY

Test Compound: Magnetic fields (EMF)

Time Report Requested: 19:46:34

Route: MAGNETIC FIELDS

CAS Number: MAGNETIC

First Dose M/F: NA / NA

Species/Strain: Mouse/PIM

Lab: IIT

PIM Mouse Female
SHAM CONTROL

| | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | |
| | 6 | 1 | 6 | 6 | 9 | 6 | 6 | 6 | 6 | 8 | 6 | |
| | 2 | 4 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

| | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymphoma Malignant | | X | X | | X | | | | | X | | 4 |

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically