C Number:	C89029B
Lock Date:	01/03/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
Time Report Requested: 19:54:34
First Dose M/F: NA / NA
Lab: IIT

P53(C57BL/6) Mouse MALE	10 GAUSS	SHAM	CONTROL	10 GAUSS	SHAM	CONTROL
Disposition Summary						
Animals Initially In Study	**10**		**10**	**20**		**20**
Early Deaths						
Natural Death	**1**					
Survivors						
Terminal Sacrifice	**9**		**10**	**20**		**20**
Animals Examined Microscopically	**10**		**10**	**20**		**20**
ALIMENTARY SYSTEM						
Liver	(10)		(10)	(20)		(20)
Fatty Change	4 [1.8]		6 [2.0]	5 [1.8]		6 [1.7]
Inflammation, Chronic	1 [2.0]		1 [1.0]	1 [1.0]		1 [1.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular	(10)		(10)	(20)		(20)
Hyperplasia	2 [1.5]		1 [1.0]	3 [1.3]		3 [1.0]
Lymph Node, Mesenteric	(8)		(9)	(18)		(18)
Hemorrhage	1 [2.0]					
Hyperplasia			2 [1.5]	5 [1.4]		7 [1.6]
Spleen	(10)		(10)	(20)		(20)

a - Number of animals examined microscopically at site and number of animals with lesion
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

P53(C57BL/6) Mouse MALE	10 GAUSS	SHAM CONTROL	10 GAUSS	SHAM CONTROL
Hematopoietic Cell Proliferation	1 [3.0]	1 [1.0]		
Lymph Follic, Hyperplasia			1 [1.0]	1 [3.0]
Thymus	(10)	(10)	(19)	(20)
Cyst	3 [1.0]	3 [1.0]	4 [1.3]	6 [1.0]
Hyperplasia, Atypical			1 [3.0]	
Hyperplasia, Focal			1 [2.0]	
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(10)	(10)	(20)	(20)
Perivascular, Inflammation, Chronic				1 [2.0]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(10)	(20)	(20)
Inflammation, Chronic	1 [1.0]	2 [1.0]	2 [1.0]	2 [1.0]

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
Time Report Requested: 19:54:34
First Dose M/F: NA / NA
Lab: IIT

P53(C57BL/6) Mouse FEMALE	10 GAUSS	SHAM	CONTROL	10 GAUSS	SHAM	CONTROL
Disposition Summary						
Animals Initially In Study	**9**		**9**	**21**		**21**
Early Deaths						
Survivors						
Natural Death						**1**
Terminal Sacrifice	**9**		**9**	**21**		**20**
Animals Examined Microscopically	**9**		**9**	**21**		**21**
ALIMENTARY SYSTEM						
Liver	(9)		(9)	(21)		(21)
Inflammation, Chronic	2 [2.5]		2 [2.5]	6 [2.2]		4 [1.8]
Necrosis				1 [1.0]		
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular	(9)		(9)	(20)		(20)
Hyperplasia	5 [2.6]		2 [2.0]	4 [2.0]		4 [2.5]
Lymph Node, Mesenteric	(5)		(8)	(20)		(19)
Hyperplasia				5 [1.4]		4 [1.3]
Spleen	(9)		(9)	(21)		(21)
Hematopoietic Cell Proliferation	1 [1.0]		1 [1.0]	2 [1.0]		4 [1.3]

a - Number of animals examined microscopically at site and number of animals with lesion
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

P53(C57BL/6) Mouse FEMALE	10 GAUSS	SHAM CONTROL	10 GAUSS	SHAM CONTROL
Hyperplasia, Histiocytic			1 [2.0]	1 [3.0]
Lymph Follic, Hyperplasia	1 [1.0]	2 [1.5]	3 [1.7]	2 [2.0]
Thymus	(9)	(9)	(21)	(21)
Cyst		2 [1.0]	6 [1.0]	5 [1.0]
Hyperplasia, Atypical	1 [2.0]			
Hyperplasia, Focal	1 [2.0]		1 [2.0]	1 [1.0]
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(9)	(9)	(21)	(21)
Interstitium, Inflammation, Chronic				1 [1.0]
Perivascular, Inflammation, Chronic	4 [1.8]	3 [2.3]	8 [1.6]	10 [1.8]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(9)	(9)	(21)	(21)
Inflammation, Chronic	1 [1.0]		1 [2.0]	

** END OF REPORT **

a - Number of animals examined microscopically at site and number of animals with lesion
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)