

Experiment Number: 89002-03
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 09:36:05
First Dose M/F: NA / NA
Lab: ILS

C Number: C89002B
Lock Date: 08/21/1997
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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P53(C57BL/6) Mouse MALE	0 PPM	100 PPM	200 PPM	400 PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice			1	
Survivors				
Terminal Sacrifice	10	10	9	10
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Centrilobular, Hepatocyte, Hypertrophy				10 [4.0]
Centrilobular, Hepatocyte, Karyomegaly				10 [4.0]
Infiltration Cellular, Lymphocyte	1 [1.0]			6 [1.2]
Infiltration Cellular, Mixed Cell	3 [1.0]			6 [1.0]
Infiltration Cellular, Mononuclear Cl	1 [1.0]			2 [1.0]
Karyomegaly	1 [1.0]			
Necrosis				8 [1.0]
Pigmentation, Bile				8 [1.0]
Vacuolization Cytoplasmic	1 [2.0]			
Salivary Glands	(10)	(0)	(0)	(10)
Submandibul GI, Atrophy				1 [1.0]
Submandibul GI, Infiltration Cellular, Lymphocyte	9 [1.3]			8 [1.1]
Submandibul GI, Infiltration Cellular, Mononuclear Cl				1 [1.0]
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)
Cyst	2 [1.5]			1 [1.0]

CARDIOVASCULAR SYSTEM

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)

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P53(C57BL/6) Mouse MALE	0 PPM	100 PPM	200 PPM	400 PPM
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(10)	(0)	(0)	(10)
Angiectasis				1 [1.0]
Capsule, Hyperplasia	4 [1.0]			1 [1.0]
Degeneration, Fatty	10 [1.2]			10 [1.3]
Hypertrophy	1 [2.0]			1 [2.0]
Adrenal Medulla	(10)	(0)	(0)	(10)
Pituitary Gland	(9)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(9)	(0)	(0)	(9)
Spleen	(10)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	1 [1.0]			
Thymus	(10)	(0)	(0)	(10)
Cyst	4 [1.3]			4 [1.3]
INTEGUMENTARY SYSTEM				
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				

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P53(C57BL/6) Mouse MALE	0 PPM	100 PPM	200 PPM	400 PPM
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Arteriole, Hypertrophy	1 [3.0]			
Infiltration Cellular, Histiocyte	1 [2.0]			
Infiltration Cellular, Lymphocyte	1 [2.0]			3 [1.0]
Inflammation, Chronic Active				1 [1.0]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Hydronephrosis	1 [4.0]			
Infiltration Cellular, Lymphocyte	1 [1.0]			5 [1.0]
Nephropathy	2 [1.0]			2 [1.0]

END OF MALE DATA

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P53(C57BL/6) Mouse FEMALE	0 PPM	100 PPM	200 PPM	400 PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice		1		
Survivors				
Terminal Sacrifice	10	9	10	10
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Centrilobular, Hepatocyte, Hypertrophy				10 [3.5]
Centrilobular, Hepatocyte, Karyomegaly				10 [3.5]
Infiltration Cellular, Lymphocyte				4 [1.3]
Infiltration Cellular, Mixed Cell	4 [1.0]			5 [1.0]
Infiltration Cellular, Mononuclear CI	1 [1.0]			3 [1.0]
Necrosis				6 [1.0]
Pigmentation, Bile				10 [1.0]
Salivary Glands	(10)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	4 [1.5]			5 [1.2]
Stomach, Forestomach	(10)	(0)	(0)	(10)
Epithelium, Degeneration, Hyaline				1 [1.0]
Stomach, Glandular	(10)	(0)	(0)	(10)
Cyst	4 [1.0]			
Epithelium, Degeneration, Hyaline				1 [1.0]
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(10)	(0)	(0)	(10)

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P53(C57BL/6) Mouse FEMALE	0 PPM	100 PPM	200 PPM	400 PPM
Accessory Adrenal Cortical Nodule				1 [3.0]
Capsule, Hyperplasia	10 [1.3]			8 [1.0]
Degeneration, Fatty	4 [1.0]			6 [1.0]
Adrenal Medulla	(9)	(0)	(0)	(10)
Pituitary Gland	(8)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Uterus	(0)	(0)	(0)	(1)
Hyperplasia, Cystic				1 [1.0]
HEMATOPOIETIC SYSTEM				
Lymph Node	(2)	(0)	(0)	(0)
Iliac, Hyperplasia	2 [1.5]			
Lymph Node, Mandibular	(9)	(0)	(0)	(10)
Hyperplasia	1 [2.0]			
Spleen	(10)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	1 [2.0]			3 [2.0]
Thymus	(10)	(0)	(0)	(10)
Cyst	8 [1.1]			5 [1.2]
INTEGUMENTARY SYSTEM				
Mammary Gland	(9)	(0)	(0)	(8)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				

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P53(C57BL/6) Mouse FEMALE	0 PPM	100 PPM	200 PPM	400 PPM
None				
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Alveolar Epith, Hyperplasia				1 [1.0]
Arteriole, Hypertrophy				1 [2.0]
Infiltration Cellular, Histiocyte	1 [1.0]			2 [1.0]
Infiltration Cellular, Lymphocyte	3 [1.3]			5 [1.2]
Infiltration Cellular, Mononuclear Cl	1 [1.0]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Casts Protein	2 [1.0]			1 [1.0]
Hydronephrosis	1 [3.0]			
Infiltration Cellular, Lymphocyte				2 [1.5]
Infiltration Cellular, Mononuclear Cl	1 [2.0]			
Metaplasia, Osseous				1 [1.0]

**** END OF REPORT ****

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