

**Experiment Number:** 55301-07  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**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 (Pyridine)  
**CAS Number:** 110-86-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 13:14:04  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>C Number:</b>	C55301C
<b>Lock Date:</b>	08/21/1997
<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

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P53(C57BL/6) Mouse MALE	0 PPM	250 PPM	500 PPM	1000 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	10	10	10	10
Early Deaths				
Accidentally Killed			1	
Moribund Sacrifice				1
Natural Death	1		2	
Survivors				
Terminal Sacrifice	9	10	7	9
Animals Examined Microscopically	9			9
<b>ALIMENTARY SYSTEM</b>				
Liver	(9)	(0)	(0)	(9)
Centrilobular, Hypertrophy	1 [1.0]			1 [1.0]
Centrilobular, Hypertrophy, Diffuse				6 [2.2]
Centrilobular, Vacuolization Cytoplasmic				1 [1.0]
Centrilobular, Vacuolization Cytoplasmic, Diffuse	7 [1.9]			2 [2.0]
Infiltration Cellular, Mononuclear Cl	4 [1.0]			5 [1.4]
Infiltration Cellular, Mononuclear Cl, Focal	1 [1.0]			3 [1.3]
Necrosis, Focal	1 [2.0]			
Salivary Glands	(9)	(0)	(0)	(9)
Submandibul GI, Infiltration Cellular, Lymphocyte	5 [1.4]			7 [1.1]
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal				1 [1.0]
Stomach, Forestomach	(8)	(0)	(0)	(9)
Stomach, Glandular	(9)	(0)	(0)	(9)
<b>CARDIOVASCULAR SYSTEM</b>				
None				

a - Number of animals examined microscopically at site and number of animals with lesion  
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P53(C57BL/6) Mouse MALE	0 PPM	250 PPM	500 PPM	1000 PPM
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(9)	(0)	(0)	(9)
Capsule, Hyperplasia, Focal				2 [1.0]
Zona Reticul, Degeneration, Fatty	9 [1.0]			9 [1.0]
Adrenal Medulla	(9)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(9)
Thyroid Gland	(9)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte, Focal				1 [1.0]
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
None				
<b>HEMATOPOIETIC SYSTEM</b>				
Lymph Node, Mandibular	(9)	(0)	(0)	(9)
Hemorrhage, Acute				1 [1.0]
Spleen	(9)	(0)	(0)	(9)
Thymus	(9)	(0)	(0)	(9)
Hemorrhage, Acute, Focal				1 [1.0]
<b>INTEGUMENTARY SYSTEM</b>				
Mammary Gland	(2)	(0)	(0)	(1)
Skin	(9)	(0)	(0)	(9)
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				
<b>RESPIRATORY SYSTEM</b>				

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P53(C57BL/6) Mouse MALE	0 PPM	250 PPM	500 PPM	1000 PPM
Lung	(9)	(0)	(0)	(9)
Hemorrhage, Acute				1 [1.0]
Infiltration Cellular, Lymphocyte	2 [1.0]			6 [1.0]
Infiltration Cellular, Lymphocyte, Focal	3 [1.3]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(9)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte	4 [1.3]			5 [1.2]
Infiltration Cellular, Lymphocyte, Focal	2 [1.0]			2 [1.0]
Pelvis, Dilatation, Focal				1 [2.0]
Renal Tubule, Mineralization				1 [1.0]
Renal Tubule, Regeneration				2 [1.0]
Renal Tubule, Regeneration, Focal	3 [1.0]			3 [1.7]
Renal Tubule, Vacuolization Cytoplasmic	1 [2.0]			1 [1.0]

\*\*\*END OF MALE DATA\*\*\*

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 Lab: ILS

P53(C57BL/6) Mouse FEMALE	0 PPM	125 PPM	250 PPM	500 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice	1			
Natural Death	1			
Survivors				
Terminal Sacrifice	8	10	10	10
Animals Examined Microscopically	8			10
<b>ALIMENTARY SYSTEM</b>				
Liver	(8)	(0)	(0)	(10)
Centrilobular, Hypertrophy	1 [1.0]			4 [1.0]
Hematopoietic Cell Proliferation, Focal				1 [1.0]
Infiltration Cellular, Mononuclear CI	8 [1.1]			6 [1.3]
Infiltration Cellular, Mononuclear CI, Focal				3 [1.0]
Salivary Glands	(8)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	3 [1.0]			3 [1.7]
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal	2 [1.5]			3 [1.0]
Stomach, Forestomach	(8)	(0)	(0)	(10)
Stomach, Glandular	(8)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>				
None				
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(8)	(0)	(0)	(9)
Capsule, Hyperplasia	6 [1.5]			4 [1.5]
Capsule, Hyperplasia, Focal				5 [1.0]
Infiltration Cellular, Lymphocyte, Focal				1 [1.0]

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<b>P53(C57BL/6) Mouse FEMALE</b>	<b>0 PPM</b>	<b>125 PPM</b>	<b>250 PPM</b>	<b>500 PPM</b>
Zona Reticul, Degeneration, Fatty	8 [1.0]			9 [1.0]
Adrenal Medulla	(8)	(0)	(0)	(9)
Pituitary Gland	(6)	(0)	(0)	(9)
Thyroid Gland	(8)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte, Focal	1 [1.0]			
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
None				
<b>HEMATOPOIETIC SYSTEM</b>				
Lymph Node	(1)	(0)	(0)	(0)
Iliac, Hyperplasia, Plasma Cell	1 [2.0]			
Lymph Node, Mandibular	(8)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(10)
Hematopoietic Cell Proliferation, Diffuse				1 [3.0]
Thymus	(8)	(0)	(0)	(10)
Hemorrhage, Acute	1 [1.0]			
Hyperplasia, Atypical, Diffuse	1 [2.0]			
<b>INTEGUMENTARY SYSTEM</b>				
Mammary Gland	(8)	(0)	(0)	(10)
Skin	(8)	(0)	(0)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				
<b>RESPIRATORY SYSTEM</b>				

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P53(C57BL/6) Mouse FEMALE	0 PPM	125 PPM	250 PPM	500 PPM
Lung	(8)	(0)	(0)	(10)
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]			3 [1.7]
Alveolus, Infiltration Cellular, Histiocyte, Focal				2 [1.0]
Infiltration Cellular, Lymphocyte	7 [1.6]			9 [1.3]
Infiltration Cellular, Lymphocyte, Focal				1 [1.0]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(8)	(0)	(0)	(10)
Casts Protein, Focal	1 [1.0]			
Glomerulosclerosis, Focal				1 [1.0]
Infiltration Cellular, Lymphocyte	3 [1.0]			3 [1.7]
Infiltration Cellular, Lymphocyte, Focal	2 [1.5]			1 [1.0]
Renal Tubule, Regeneration, Focal				2 [1.0]

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

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