

Experiment Number: 55301-07
Test Type: 26-WEEK
Route: DOSED WATER
Species/Strain: Mouse/P53(C57BL/6)

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: Transgenic LECM (Pyridine)

CAS Number: 110-86-1

Date Report Requested: 10/23/2014

Time Report Requested: 13:14:24

First Dose M/F: NA / NA

Lab: ILS

C Number:	C55301C
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	250 PPM	500 PPM	1000 PPM
Disposition Summary				
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
ALIMENTARY SYSTEM				
Liver	(9)	(0)	(0)	(9)
Centrilobular, Hypertrophy	1 (11%)			1 (11%)
Centrilobular, Hypertrophy, Diffuse				6 (67%)
Centrilobular, Vacuolization Cytoplasmic				1 (11%)
Centrilobular, Vacuolization Cytoplasmic, Diffuse	7 (78%)			2 (22%)
Infiltration Cellular, Mononuclear Cl	4 (44%)			5 (56%)
Infiltration Cellular, Mononuclear Cl, Focal	1 (11%)			3 (33%)
Necrosis, Focal	1 (11%)			
Salivary Glands	(9)	(0)	(0)	(9)
Submandibul GI, Infiltration Cellular, Lymphocyte	5 (56%)			7 (78%)
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal				1 (11%)
Stomach, Forestomach	(8)	(0)	(0)	(9)
Stomach, Glandular	(9)	(0)	(0)	(9)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				

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
Adrenal Cortex	(9)	(0)	(0)	(9)
Capsule, Hyperplasia, Focal				2 (22%)
Zona Reticul, Degeneration, Fatty	9 (100%)			9 (100%)
Adrenal Medulla	(9)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(9)
Thyroid Gland	(9)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte, Focal				1 (11%)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(9)	(0)	(0)	(9)
Hemorrhage, Acute				1 (11%)
Spleen	(9)	(0)	(0)	(9)
Thymus	(9)	(0)	(0)	(9)
Hemorrhage, Acute, Focal				1 (11%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(2)	(0)	(0)	(1)
Skin	(9)	(0)	(0)	(9)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(9)	(0)	(0)	(9)
Hemorrhage, Acute				1 (11%)

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P53(C57BL/6) Mouse MALE	0 PPM	250 PPM	500 PPM	1000 PPM
Infiltration Cellular, Lymphocyte	2 (22%)			6 (67%)
Infiltration Cellular, Lymphocyte, Focal	3 (33%)			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(9)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte	4 (44%)			5 (56%)
Infiltration Cellular, Lymphocyte, Focal	2 (22%)			2 (22%)
Pelvis, Dilatation, Focal				1 (11%)
Renal Tubule, Mineralization				1 (11%)
Renal Tubule, Regeneration				2 (22%)
Renal Tubule, Regeneration, Focal	3 (33%)			3 (33%)
Renal Tubule, Vacuolization Cytoplasmic	1 (11%)			1 (11%)

END OF MALE DATA

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P53(C57BL/6) Mouse FEMALE	0 PPM	125 PPM	250 PPM	500 PPM
Disposition Summary				
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
ALIMENTARY SYSTEM				
Liver	(8)	(0)	(0)	(10)
Centrilobular, Hypertrophy	1 (13%)			4 (40%)
Hematopoietic Cell Proliferation, Focal				1 (10%)
Infiltration Cellular, Mononuclear CI	8 (100%)			6 (60%)
Infiltration Cellular, Mononuclear CI, Focal				3 (30%)
Salivary Glands	(8)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	3 (38%)			3 (30%)
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal	2 (25%)			3 (30%)
Stomach, Forestomach	(8)	(0)	(0)	(10)
Stomach, Glandular	(8)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(8)	(0)	(0)	(9)
Capsule, Hyperplasia	6 (75%)			4 (44%)
Capsule, Hyperplasia, Focal				5 (56%)
Infiltration Cellular, Lymphocyte, Focal				1 (11%)
Zona Reticul, Degeneration, Fatty	8 (100%)			9 (100%)

a - Number of animals examined microscopically at site and number of animals with lesion

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P53(C57BL/6) Mouse FEMALE	0 PPM	125 PPM	250 PPM	500 PPM
Adrenal Medulla	(8)	(0)	(0)	(9)
Pituitary Gland	(6)	(0)	(0)	(9)
Thyroid Gland	(8)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte, Focal	1 (13%)			
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node	(1)	(0)	(0)	(0)
Iliac, Hyperplasia, Plasma Cell	1 (100%)			
Lymph Node, Mandibular	(8)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(10)
Hematopoietic Cell Proliferation, Diffuse				1 (10%)
Thymus	(8)	(0)	(0)	(10)
Hemorrhage, Acute	1 (13%)			
Hyperplasia, Atypical, Diffuse	1 (13%)			
INTEGUMENTARY SYSTEM				
Mammary Gland	(8)	(0)	(0)	(10)
Skin	(8)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(8)	(0)	(0)	(10)
Alveolus, Infiltration Cellular, Histiocyte	1 (13%)			3 (30%)

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P53(C57BL/6) Mouse FEMALE	0 PPM	125 PPM	250 PPM	500 PPM
Alveolus, Infiltration Cellular, Histiocyte, Focal				2 (20%)
Infiltration Cellular, Lymphocyte	7 (88%)			9 (90%)
Infiltration Cellular, Lymphocyte, Focal				1 (10%)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(8)	(0)	(0)	(10)
Casts Protein, Focal	1 (13%)			
Glomerulosclerosis, Focal				1 (10%)
Infiltration Cellular, Lymphocyte	3 (38%)			3 (30%)
Infiltration Cellular, Lymphocyte, Focal	2 (25%)			1 (10%)
Renal Tubule, Regeneration, Focal				2 (20%)

**** END OF REPORT ****