

Experiment Number: 05160-07
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 (1-Chloro-2-propanol, technical)
CAS Number: 127-00-4

Date Report Requested: 10/23/2014
Time Report Requested: 14:40:12
First Dose M/F: NA / NA
Lab: ILS

C Number: C61983D
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				
Natural Death		1		
Survivors				
Terminal Sacrifice	10	9	10	10
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Centrilobular, Hypertrophy	3 (30%)			3 (30%)
Centrilobular, Hypertrophy, Diffuse	1 (10%)			1 (10%)
Centrilobular, Vacuolization Cytoplasmic	1 (10%)			
Centrilobular, Vacuolization Cytoplasmic, Diffuse	3 (30%)			3 (30%)
Hematopoietic Cell Proliferation, Focal	1 (10%)			
Infiltration Cellular, Mononuclear CI	3 (30%)			3 (30%)
Infiltration Cellular, Mononuclear CI, Focal	3 (30%)			1 (10%)
Salivary Glands	(10)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	8 (80%)			8 (80%)
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal				1 (10%)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)
Glands, Ectasia, Focal	1 (10%)			
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(10)	(0)	(0)	(9)

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
Capsule, Hyperplasia, Focal				1 (11%)
Zona Fascult, Hypertrophy, Focal	1 (10%)			1 (11%)
Zona Reticul, Degeneration, Fatty	9 (90%)			9 (100%)
Adrenal Medulla	(10)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(8)
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(9)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)
Hemorrhage, Acute				1 (10%)
Hemorrhage, Acute, Focal				1 (10%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(3)	(0)	(0)	(2)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Alveolus, Infiltration Cellular, Histiocyte	1 (10%)			

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P53(C57BL/6) Mouse MALE	0 PPM	250 PPM	500 PPM	1000 PPM
Alveolus, Infiltration Cellular, Histiocyte, Focal	1 (10%)			
Infiltration Cellular, Lymphocyte	4 (40%)			5 (50%)
Infiltration Cellular, Lymphocyte, Focal	5 (50%)			3 (30%)
Inflammation, Suppurative, Acute, Focal				1 (10%)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Casts Protein, Focal	1 (10%)			1 (10%)
Infiltration Cellular, Lymphocyte	7 (70%)			1 (10%)
Infiltration Cellular, Lymphocyte, Focal	1 (10%)			6 (60%)
Renal Tubule, Degeneration, Focal				1 (10%)
Renal Tubule, Mineralization	1 (10%)			
Renal Tubule, Regeneration				1 (10%)
Renal Tubule, Regeneration, Focal	2 (20%)			2 (20%)

END OF MALE DATA

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P53(C57BL/6) Mouse FEMALE	0 PPM	250 PPM	500 PPM	1000 PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Natural Death	2			
Survivors				
Terminal Sacrifice	8	10	10	10
Animals Examined Microscopically	8			10
ALIMENTARY SYSTEM				
Liver	(8)	(0)	(0)	(10)
Centrilobular, Hypertrophy	2 (25%)			1 (10%)
Centrilobular, Vacuolization Cytoplasmic				1 (10%)
Centrilobular, Vacuolization Cytoplasmic, Focal				1 (10%)
Hematopoietic Cell Proliferation				1 (10%)
Infiltration Cellular, Mononuclear CI	7 (88%)			4 (40%)
Infiltration Cellular, Mononuclear CI, Focal	1 (13%)			2 (20%)
Necrosis, Focal	1 (13%)			1 (10%)
Salivary Glands	(8)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	6 (75%)			3 (30%)
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal	1 (13%)			
Stomach, Forestomach	(8)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte				1 (10%)
Stomach, Glandular	(8)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(8)	(0)	(0)	(10)

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

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Capsule, Hyperplasia	2 (25%)			4 (40%)
Capsule, Hyperplasia, Focal	2 (25%)			2 (20%)
Zona Reticul, Degeneration, Fatty	5 (63%)			9 (90%)
Zona Reticul, Degeneration, Fatty, Focal	1 (13%)			
Adrenal Medulla	(8)	(0)	(0)	(10)
Pituitary Gland	(7)	(0)	(0)	(10)
Thyroid Gland	(8)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Uterus	(1)	(0)	(0)	(1)
Endometrium, Hyperplasia, Cystic, Diffuse	1 (100%)			1 (100%)
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(8)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(10)
Thymus	(8)	(0)	(0)	(10)
Hyperplasia, Atypical, Focal				1 (10%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(8)	(0)	(0)	(10)
Duct, Dilatation				1 (10%)
Skin	(8)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(8)	(0)	(0)	(10)

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Alveolus, Infiltration Cellular, Histiocyte	2 (25%)			2 (20%)
Alveolus, Infiltration Cellular, Histiocyte, Focal	1 (13%)			4 (40%)
Infiltration Cellular, Lymphocyte	8 (100%)			9 (90%)
Infiltration Cellular, Lymphocyte, Focal				1 (10%)
Inflammation, Suppurative, Acute, Focal	2 (25%)			1 (10%)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(8)	(0)	(0)	(10)
Casts Protein, Focal				1 (10%)
Infiltration Cellular, Lymphocyte	3 (38%)			2 (20%)
Infiltration Cellular, Lymphocyte, Focal	3 (38%)			3 (30%)
Renal Tubule, Regeneration, Focal				2 (20%)

**** END OF REPORT ****