

Experiment Number: 95007-17
Test Type: 25-WEEK
Route: GAVAGE
Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Transgenic model evaluation (Cyclosporin A)

CAS Number: 59865-13-3

Date Report Requested: 10/20/2014

Time Report Requested: 17:43:59

First Dose M/F: NA / NA

Lab: MBA

C Number: C95007D
Lock Date: 06/02/1997
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 MG/KG	10 MG/KG	25 MG/KG
Disposition Summary			
Animals Initially In Study	15	15	15
Early Deaths			
Moribund Sacrifice	1		
Survivors			
Terminal Sacrifice	14	15	15
Animals Examined Microscopically	15	15	15
ALIMENTARY SYSTEM			
Liver	(15)	(15)	(15)
Centrilobular, Hepatocyte, Hypertrophy	2 (13%)		
Hepatocyte, Necrosis, Focal			1 (7%)
Hepatocyte, Vacuolization Cytoplasmic		4 (27%)	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse	1 (7%)	7 (47%)	6 (40%)
Hepatocyte, Vacuolization Cytoplasmic, Focal	4 (27%)	4 (27%)	4 (27%)
Infiltration Cellular, Lymphocyte, Focal	2 (13%)	1 (7%)	
Necrosis, Focal	3 (20%)		1 (7%)
Salivary Glands	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	10 (67%)	11 (73%)	7 (47%)
Stomach, Forestomach	(15)	(15)	(15)
Stomach, Glandular	(15)	(15)	(15)
Tooth	(1)	(0)	(0)
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
Adrenal Cortex	(15)	(15)	(15)
Adrenal Medulla	(15)	(15)	(15)
Pituitary Gland	(12)	(15)	(12)

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

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P53(C57BL/6) Mouse MALE	0 MG/KG	10 MG/KG	25 MG/KG
Thyroid Gland	(15)	(15)	(14)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(15)	(15)	(15)
Testes	(15)	(15)	(15)
Degeneration, Diffuse	1 (7%)		
HEMATOPOIETIC SYSTEM			
Bone Marrow	(15)	(15)	(15)
Lymph Node, Mandibular	(15)	(15)	(14)
Hyperplasia, Lymphoid		2 (13%)	1 (7%)
Lymph Node, Mediastinal	(12)	(12)	(12)
Lymph Node, Mesenteric	(15)	(15)	(15)
Spleen	(15)	(15)	(15)
Hematopoietic Cell Proliferation	7 (47%)	13 (87%)	14 (93%)
Thymus	(15)	(15)	(14)
INTEGUMENTARY SYSTEM			
Skin	(15)	(15)	(15)
Epidermis, Hyperplasia, Focal			2 (13%)
Epidermis, Ulcer, Focal	1 (7%)		1 (7%)
MUSCULOSKELETAL SYSTEM			
Bone	(1)	(0)	(0)
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
Lung	(15)	(15)	(15)
Hyperplasia, Lymphoid, Focal	1 (7%)	1 (7%)	

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P53(C57BL/6) Mouse MALE	0 MG/KG	10 MG/KG	25 MG/KG
Perivascular, Inflammation, Chronic Active	2 (13%)		
<hr/>			
SPECIAL SENSES SYSTEM			
None			
<hr/>			
URINARY SYSTEM			
Kidney	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal			2 (13%)
Renal Tubule, Degeneration, Focal			1 (7%)
Renal Tubule, Regeneration, Focal			1 (7%)

END OF MALE DATA

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P53(C57BL/6) Mouse FEMALE	0 MG/KG	10 MG/KG	25 MG/KG
Disposition Summary			
Animals Initially In Study	15	15	15
Early Deaths			
Survivors			
Terminal Sacrifice	15	15	15
Animals Examined Microscopically	15	15	15
ALIMENTARY SYSTEM			
Liver	(15)	(15)	(15)
Hepatocyte, Vacuolization Cytoplasmic, Focal	2 (13%)	2 (13%)	6 (40%)
Infiltration Cellular, Lymphocyte, Focal	3 (20%)	6 (40%)	2 (13%)
Necrosis, Focal	2 (13%)		1 (7%)
Pancreas	(0)	(1)	(0)
Cyst		1 (100%)	
Salivary Glands	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	6 (40%)	8 (53%)	12 (80%)
Stomach, Forestomach	(15)	(15)	(15)
Stomach, Glandular	(15)	(15)	(15)
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
Adrenal Cortex	(15)	(15)	(15)
Necrosis, Diffuse		1 (7%)	
Adrenal Medulla	(15)	(15)	(15)
Necrosis, Diffuse		1 (7%)	
Pituitary Gland	(14)	(14)	(14)
Thyroid Gland	(14)	(15)	(14)
GENERAL BODY SYSTEM			

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P53(C57BL/6) Mouse FEMALE	0 MG/KG	10 MG/KG	25 MG/KG
None			
GENITAL SYSTEM			
Ovary	(15)	(15)	(15)
Uterus	(15)	(15)	(15)
Hydrometra		1 (7%)	
Hyperplasia, Cystic	1 (7%)		
HEMATOPOIETIC SYSTEM			
Bone Marrow	(15)	(15)	(15)
Myeloid Cell, Hyperplasia		1 (7%)	
Lymph Node	(2)	(2)	(1)
Iliac, Hyperplasia, Lymphoid		1 (50%)	
Lumbar, Hyperplasia, Lymphoid	1 (50%)	1 (50%)	
Mediastinal, Pigmentation	1 (50%)		
Renal, Hyperplasia, Lymphoid	1 (50%)	1 (50%)	
Lymph Node, Mandibular	(15)	(15)	(15)
Hyperplasia, Lymphoid		3 (20%)	
Lymph Node, Mediastinal	(15)	(12)	(15)
Pigmentation	1 (7%)		
Lymph Node, Mesenteric	(15)	(15)	(15)
Hyperplasia, Lymphoid		1 (7%)	
Inflammation, Chronic, Focal			1 (7%)
Spleen	(15)	(15)	(15)
Hematopoietic Cell Proliferation	15 (100%)	15 (100%)	14 (93%)
Pigmentation	3 (20%)	3 (20%)	2 (13%)
Thymus	(15)	(15)	(15)
INTEGUMENTARY SYSTEM			
Skin	(15)	(15)	(15)
MUSCULOSKELETAL SYSTEM			

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None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
Lung	(15)	(15)	(15)
Hemorrhage, Focal		1 (7%)	
Hyperplasia, Lymphoid	1 (7%)	2 (13%)	
Hyperplasia, Lymphoid, Focal		1 (7%)	2 (13%)
Infiltration Cellular, Lymphocyte, Focal			5 (33%)
Perivascular, Hyperplasia, Lymphoid		1 (7%)	
Perivascular, Inflammation, Chronic Active		1 (7%)	
SPECIAL SENSES SYSTEM			
Eye	(0)	(0)	(1)
Developmental Malformation			1 (100%)
URINARY SYSTEM			
Kidney	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal			1 (7%)
Nephropathy			1 (7%)
Pelvis, Dilatation		1 (7%)	
Renal Tubule, Degeneration, Focal			1 (7%)

**** END OF REPORT ****

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