

**Experiment Number:** 95007-17  
**Test Type:** 25-WEEK  
**Route:** GAVAGE  
**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 model evaluation (Cyclosporin A)  
**CAS Number:** 59865-13-3

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 17:43:33  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C95007D
<b>Lock Date:</b>	06/02/1997
<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 MG/KG	10 MG/KG	25 MG/KG
<b>Disposition Summary</b>			
Animals Initially In Study	15	15	15
Early Deaths			
Moribund Sacrifice	1		
Survivors			
Terminal Sacrifice	14	15	15
Animals Examined Microscopically	15	15	15
<b>ALIMENTARY SYSTEM</b>			
Liver	(15)	(15)	(15)
Centrilobular, Hepatocyte, Hypertrophy	2 [2.0]		
Hepatocyte, Necrosis, Focal			1 [1.0]
Hepatocyte, Vacuolization Cytoplasmic		4 [3.3]	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse	1 [3.0]	7 [3.3]	6 [2.8]
Hepatocyte, Vacuolization Cytoplasmic, Focal	4 [1.8]	4 [1.8]	4 [3.0]
Infiltration Cellular, Lymphocyte, Focal	2 [1.0]	1 [1.0]	
Necrosis, Focal	3 [1.0]		1 [1.0]
Salivary Glands	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	10 [1.0]	11 [1.2]	7 [1.0]
Stomach, Forestomach	(15)	(15)	(15)
Stomach, Glandular	(15)	(15)	(15)
Tooth	(1)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>			
None			
<b>ENDOCRINE SYSTEM</b>			
Adrenal Cortex	(15)	(15)	(15)
Adrenal Medulla	(15)	(15)	(15)

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 MG/KG	10 MG/KG	25 MG/KG
Pituitary Gland	(12)	(15)	(12)
Thyroid Gland	(15)	(15)	(14)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(15)	(15)	(15)
Testes	(15)	(15)	(15)
Degeneration, Diffuse	1 [3.0]		
HEMATOPOIETIC SYSTEM			
Bone Marrow	(15)	(15)	(15)
Lymph Node, Mandibular	(15)	(15)	(14)
Hyperplasia, Lymphoid		2 [1.5]	1 [3.0]
Lymph Node, Mediastinal	(12)	(12)	(12)
Lymph Node, Mesenteric	(15)	(15)	(15)
Spleen	(15)	(15)	(15)
Hematopoietic Cell Proliferation	7 [1.4]	13 [1.2]	14 [1.4]
Thymus	(15)	(15)	(14)
INTEGUMENTARY SYSTEM			
Skin	(15)	(15)	(15)
Epidermis, Hyperplasia, Focal			2 [3.0]
Epidermis, Ulcer, Focal	1 [3.0]		1 [3.0]
MUSCULOSKELETAL SYSTEM			
Bone	(1)	(0)	(0)
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			

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<b>P53(C57BL/6) Mouse MALE</b>	<b>0 MG/KG</b>	<b>10 MG/KG</b>	<b>25 MG/KG</b>
Lung	(15)	(15)	(15)
Hyperplasia, Lymphoid, Focal	1 [1.0]	1 [1.0]	
Perivascular, Inflammation, Chronic Active	2 [1.0]		
SPECIAL SENSES SYSTEM			
None			
URINARY SYSTEM			
Kidney	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal			2 [1.5]
Renal Tubule, Degeneration, Focal			1 [1.0]
Renal Tubule, Regeneration, Focal			1 [3.0]

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

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P53(C57BL/6) Mouse FEMALE	0 MG/KG	10 MG/KG	25 MG/KG
<b>Disposition Summary</b>			
Animals Initially In Study	15	15	15
Early Deaths			
Survivors			
Terminal Sacrifice	15	15	15
Animals Examined Microscopically	15	15	15
<b>ALIMENTARY SYSTEM</b>			
Liver	(15)	(15)	(15)
Hepatocyte, Vacuolization Cytoplasmic, Focal	2 [2.0]	2 [2.0]	6 [2.2]
Infiltration Cellular, Lymphocyte, Focal	3 [1.0]	6 [1.2]	2 [1.5]
Necrosis, Focal	2 [1.0]		1 [1.0]
Pancreas	(0)	(1)	(0)
Cyst		1 [3.0]	
Salivary Glands	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	6 [2.0]	8 [1.0]	12 [1.2]
Stomach, Forestomach	(15)	(15)	(15)
Stomach, Glandular	(15)	(15)	(15)
<b>CARDIOVASCULAR SYSTEM</b>			
None			
<b>ENDOCRINE SYSTEM</b>			
Adrenal Cortex	(15)	(15)	(15)
Necrosis, Diffuse		1 [4.0]	
Adrenal Medulla	(15)	(15)	(15)
Necrosis, Diffuse		1 [4.0]	
Pituitary Gland	(14)	(14)	(14)
Thyroid Gland	(14)	(15)	(14)

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GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Ovary	(15)	(15)	(15)
Uterus	(15)	(15)	(15)
Hydrometra		1 [2.0]	
Hyperplasia, Cystic	1 [2.0]		
HEMATOPOIETIC SYSTEM			
Bone Marrow	(15)	(15)	(15)
Myeloid Cell, Hyperplasia		1 [2.0]	
Lymph Node	(2)	(2)	(1)
Iliac, Hyperplasia, Lymphoid		1 [2.0]	
Lumbar, Hyperplasia, Lymphoid	1 [2.0]	1 [1.0]	
Mediastinal, Pigmentation	1 [2.0]		
Renal, Hyperplasia, Lymphoid	1 [2.0]	1 [2.0]	
Lymph Node, Mandibular	(15)	(15)	(15)
Hyperplasia, Lymphoid		3 [1.7]	
Lymph Node, Mediastinal	(15)	(12)	(15)
Pigmentation	1 [2.0]		
Lymph Node, Mesenteric	(15)	(15)	(15)
Hyperplasia, Lymphoid		1 [2.0]	
Inflammation, Chronic, Focal			1 [2.0]
Spleen	(15)	(15)	(15)
Hematopoietic Cell Proliferation	15 [1.5]	15 [1.4]	14 [1.4]
Pigmentation	3 [1.0]	3 [1.0]	2 [1.0]
Thymus	(15)	(15)	(15)

INTEGUMENTARY SYSTEM

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P53(C57BL/6) Mouse FEMALE	0 MG/KG	10 MG/KG	25 MG/KG
Skin	(15)	(15)	(15)
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
Lung	(15)	(15)	(15)
Hemorrhage, Focal		1 [1.0]	
Hyperplasia, Lymphoid	1 [1.0]	2 [2.0]	
Hyperplasia, Lymphoid, Focal		1 [1.0]	2 [1.0]
Infiltration Cellular, Lymphocyte, Focal			5 [1.2]
Perivascular, Hyperplasia, Lymphoid		1 [2.0]	
Perivascular, Inflammation, Chronic Active		1 [2.0]	
SPECIAL SENSES SYSTEM			
Eye	(0)	(0)	(1)
Developmental Malformation			1
URINARY SYSTEM			
Kidney	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal			1 [1.0]
Nephropathy			1 [2.0]
Pelvis, Dilatation		1 [4.0]	
Renal Tubule, Degeneration, Focal			1 [1.0]

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

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