

Experiment Number: 05182-05
Test Type: 1-YEAR
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:07

First Dose M/F: NA / NA

Lab: ILS

C Number: C55798C
Lock Date: 11/25/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

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P53(C57BL/6) Mouse FEMALE	0 PPM	200 PPM	375 PPM	750 PPM	3000 PPM	12000 PPM
Disposition Summary						
Animals Initially In Study	20	20	20	20	20	20
Early Deaths						
Moribund Sacrifice	1	1	1	3	14	4
Survivors						
Terminal Sacrifice	19	19	19	17	6	16
Animals Examined Microscopically	20	20	20	20	20	20
ALIMENTARY SYSTEM						
Esophagus	(20)	(0)	(0)	(1)	(19)	(20)
Gallbladder	(18)	(0)	(1)	(1)	(20)	(20)
Cyst	1 (6%)					1 (5%)
Intestine Large, Cecum	(20)	(20)	(20)	(20)	(20)	(20)
Intestine Large, Colon	(20)	(20)	(19)	(20)	(20)	(20)
Intestine Large, Rectum	(18)	(19)	(19)	(19)	(19)	(16)
Intestine Small, Duodenum	(20)	(19)	(20)	(20)	(20)	(20)
Intestine Small, Ileum	(20)	(20)	(20)	(19)	(20)	(19)
Intestine Small, Jejunum	(20)	(20)	(20)	(20)	(19)	(20)
Liver	(20)	(0)	(1)	(2)	(20)	(20)
Centrilobular, Hepatocyte, Necrosis	1 (5%)					
Hematopoietic Cell Proliferation				1 (50%)	2 (10%)	1 (5%)
Hepatocyte, Vacuolization Cytoplasmic			1 (100%)			
Inflammation, Acute					1 (5%)	
Inflammation, Chronic	5 (25%)			1 (50%)		
Necrosis	5 (25%)			1 (50%)	1 (5%)	3 (15%)
Pancreas	(20)	(0)	(1)	(1)	(20)	(20)
Acinar Cell, Atrophy	1 (5%)					
Acinar Cell, Degeneration						2 (10%)
Duct, Ectasia			1 (100%)			
Infiltration Cellular, Lymphocyte	1 (5%)					

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

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Inflammation, Acute			1 (100%)			
Salivary Glands	(20)	(0)	(0)	(1)	(18)	(20)
Infiltration Cellular, Lymphocyte	15 (75%)			1 (100%)	2 (11%)	1 (5%)
Parotid G1, Atrophy						1 (5%)
Stomach, Forestomach	(20)	(20)	(19)	(19)	(20)	(20)
Stomach, Glandular	(20)	(20)	(19)	(19)	(20)	(20)
Inflammation, Acute			1 (5%)			
CARDIOVASCULAR SYSTEM						
Heart	(20)	(1)	(0)	(2)	(20)	(20)
ENDOCRINE SYSTEM						
Adrenal Cortex	(19)	(0)	(0)	(1)	(19)	(20)
Necrosis	1 (5%)					
Adrenal Medulla	(19)	(0)	(0)	(1)	(19)	(20)
Parathyroid Gland	(13)	(0)	(0)	(1)	(14)	(16)
Cyst	1 (8%)					
Infiltration Cellular, Lymphocyte						1 (6%)
Pituitary Gland	(18)	(0)	(0)	(1)	(17)	(17)
Pars Distalis, Cyst	1 (6%)					
Thyroid Gland	(20)	(0)	(0)	(1)	(20)	(20)
Ectopic Thymus	4 (20%)					
Follicle, Cyst						1 (5%)
Inflammation, Chronic	1 (5%)				1 (5%)	
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(8)	(0)	(0)	(0)	(4)	(6)
Inflammation, Acute	1 (13%)					
Ovary	(20)	(20)	(20)	(20)	(20)	(20)

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P53(C57BL/6) Mouse FEMALE	0 PPM	200 PPM	375 PPM	750 PPM	3000 PPM	12000 PPM
Atrophy			1 (5%)			
Cyst	3 (15%)		3 (15%)	1 (5%)	3 (15%)	2 (10%)
Uterus	(20)	(0)	(0)	(1)	(20)	(20)
Hyperplasia, Cystic	17 (85%)			1 (100%)	14 (70%)	18 (90%)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(19)	(20)	(19)	(20)	(19)	(19)
Hypercellularity		2 (10%)			2 (11%)	2 (11%)
Lymph Node	(2)	(2)	(2)	(2)	(12)	(6)
Bronchial, Hyperplasia, Lymphoid	2 (100%)					
Lumbar, Infiltration Cellular, Plasma Cell			1 (50%)			
Lymph Node, Mandibular	(16)	(14)	(12)	(11)	(15)	(15)
Hyperplasia, Lymphoid	2 (13%)	2 (14%)	4 (33%)	1 (9%)		
Necrosis, Lymphoid	1 (6%)					
Lymph Node, Mesenteric	(20)	(19)	(12)	(15)	(16)	(17)
Hyperplasia, Lymphoid		3 (16%)	3 (25%)	1 (7%)		
Necrosis, Lymphoid	1 (5%)					
Spleen	(20)	(5)	(2)	(3)	(20)	(20)
Hematopoietic Cell Proliferation	1 (5%)	4 (80%)	2 (100%)	1 (33%)	5 (25%)	13 (65%)
Hyperplasia, Lymphoid	3 (15%)				2 (10%)	2 (10%)
Lymph Follic, Necrosis, Lymphoid	1 (5%)					
Thymus	(19)	(20)	(20)	(20)	(20)	(20)
Cortex, Atrophy	3 (16%)	3 (15%)	3 (15%)			
Cortex, Necrosis, Lymphoid	1 (5%)					
Cyst	5 (26%)	1 (5%)	3 (15%)	2 (10%)	1 (5%)	
Hyperplasia, Atypical			1 (5%)	3 (15%)	3 (15%)	5 (25%)
Hyperplasia, Focal	1 (5%)	1 (5%)	3 (15%)			
INTEGUMENTARY SYSTEM						
Mammary Gland	(15)	(0)	(0)	(1)	(15)	(16)
Skin	(20)	(3)	(1)	(1)	(20)	(20)

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Inflammation, Chronic		1 (33%)				
Inflammation, Chronic Active		1 (33%)				
Subcut Tiss, Inflammation, Chronic			1 (100%)			
Ulcer		1 (33%)				
MUSCULOSKELETAL SYSTEM						
Bone	(19)	(20)	(19)	(20)	(19)	(19)
Femur, Fibrosis	1 (5%)			1 (5%)	1 (5%)	
Maxilla, Fibrosis						1 (5%)
Skeletal Muscle	(20)	(0)	(0)	(1)	(18)	(20)
NERVOUS SYSTEM						
Brain	(20)	(0)	(1)	(1)	(20)	(19)
Brain, Cerebrum	(0)	(0)	(0)	(0)	(0)	(1)
RESPIRATORY SYSTEM						
Lung	(20)	(0)	(0)	(2)	(20)	(20)
Alveolar Epith, Hyperplasia						1 (5%)
Alveolus, Infiltration Cellular, Histiocyte	1 (5%)					
Alveolus, Inflammation, Acute						1 (5%)
Interstitial, Inflammation, Chronic	1 (5%)					1 (5%)
Perivascular, Inflammation, Chronic	14 (70%)				2 (10%)	5 (25%)
Nose	(20)	(0)	(0)	(1)	(20)	(20)
Inflammation, Acute	1 (5%)					
Olfactory Epi, Degeneration, Hyaline						1 (5%)
Respirat Epith, Degeneration, Hyaline						1 (5%)
Turbinate, Inflammation, Acute					1 (5%)	
Trachea	(20)	(0)	(0)	(1)	(20)	(19)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						

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P53(C57BL/6) Mouse FEMALE	0 PPM	200 PPM	375 PPM	750 PPM	3000 PPM	12000 PPM
Kidney	(20)	(0)	(0)	(1)	(20)	(20)
Cortex, Atrophy						1 (5%)
Cortex, Cyst						1 (5%)
Renal Tubule, Regeneration						3 (15%)
Urinary Bladder	(19)	(0)	(0)	(1)	(18)	(20)

**** END OF REPORT ****

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