

Experiment Number: 05182-05
Test Type: 1-YEAR
Route: DOSED FEED
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 (Phenolphthalein)
CAS Number: 77-09-8

Date Report Requested: 10/19/2014
Time Report Requested: 08:22:40
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 [1.0]					1 [1.0]
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 [2.0]					
Hematopoietic Cell Proliferation				1 [1.0]	2 [1.0]	1 [3.0]
Hepatocyte, Vacuolization Cytoplasmic			1 [2.0]			
Inflammation, Acute					1 [1.0]	
Inflammation, Chronic	5 [1.8]			1 [2.0]		
Necrosis	5 [1.0]			1 [1.0]	1 [1.0]	3 [1.0]
Pancreas	(20)	(0)	(1)	(1)	(20)	(20)
Acinar Cell, Atrophy	1 [2.0]					
Acinar Cell, Degeneration						2 [1.5]
Duct, Ectasia			1 [4.0]			

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Infiltration Cellular, Lymphocyte Inflammation, Acute	1 [1.0]		1 [3.0]			
Salivary Glands	(20)	(0)	(0)	(1)	(18)	(20)
Infiltration Cellular, Lymphocyte Parotid Gl, Atrophy	15 [1.3]			1 [1.0]	2 [1.0]	1 [1.0] 1 [1.0]
Stomach, Forestomach	(20)	(20)	(19)	(19)	(20)	(20)
Stomach, Glandular Inflammation, Acute	(20)	(20)	(19) 1 [2.0]	(19)	(20)	(20)
CARDIOVASCULAR SYSTEM						
Heart	(20)	(1)	(0)	(2)	(20)	(20)
ENDOCRINE SYSTEM						
Adrenal Cortex Necrosis	(19) 1 [1.0]	(0)	(0)	(1)	(19)	(20)
Adrenal Medulla	(19)	(0)	(0)	(1)	(19)	(20)
Parathyroid Gland Cyst	(13) 1 [2.0]	(0)	(0)	(1)	(14)	(16)
Infiltration Cellular, Lymphocyte						1 [1.0]
Pituitary Gland Pars Distalis, Cyst	(18) 1 [1.0]	(0)	(0)	(1)	(17)	(17)
Thyroid Gland Ectopic Thymus	(20) 4 [1.3]	(0)	(0)	(1)	(20)	(20)
Follicle, Cyst Inflammation, Chronic	1 [1.0]				1 [1.0]	1 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(8)	(0)	(0)	(0)	(4)	(6)

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Inflammation, Acute	1 [1.0]					
Ovary	(20)	(20)	(20)	(20)	(20)	(20)
Atrophy			1 [2.0]			
Cyst	3 [2.0]		3 [2.3]	1 [1.0]	3 [2.0]	2 [2.0]
Uterus	(20)	(0)	(0)	(1)	(20)	(20)
Hyperplasia, Cystic	17 [1.5]			1 [1.0]	14 [1.6]	18 [1.7]
HEMATOPOIETIC SYSTEM						
Bone Marrow	(19)	(20)	(19)	(20)	(19)	(19)
Hypercellularity		2 [2.0]			2 [1.0]	2 [1.0]
Lymph Node	(2)	(2)	(2)	(2)	(12)	(6)
Bronchial, Hyperplasia, Lymphoid	2 [2.0]					
Lumbar, Infiltration Cellular, Plasma Cell			1 [4.0]			
Lymph Node, Mandibular	(16)	(14)	(12)	(11)	(15)	(15)
Hyperplasia, Lymphoid	2 [1.5]	2 [1.0]	4 [1.8]	1 [1.0]		
Necrosis, Lymphoid	1 [2.0]					
Lymph Node, Mesenteric	(20)	(19)	(12)	(15)	(16)	(17)
Hyperplasia, Lymphoid		3 [1.7]	3 [1.3]	1 [2.0]		
Necrosis, Lymphoid	1 [2.0]					
Spleen	(20)	(5)	(2)	(3)	(20)	(20)
Hematopoietic Cell Proliferation	1 [2.0]	4 [2.3]	2 [2.5]	1 [1.0]	5 [1.0]	13 [1.3]
Hyperplasia, Lymphoid	3 [1.0]				2 [2.5]	2 [1.5]
Lymph Follic, Necrosis, Lymphoid	1 [2.0]					
Thymus	(19)	(20)	(20)	(20)	(20)	(20)
Cortex, Atrophy	3 [1.3]	3 [2.0]	3 [1.3]			
Cortex, Necrosis, Lymphoid	1 [4.0]					
Cyst	5 [1.2]	1 [2.0]	3 [1.3]	2 [1.0]	1 [2.0]	
Hyperplasia, Atypical			1 [3.0]	3 [2.3]	3 [3.0]	5 [3.0]
Hyperplasia, Focal	1 [1.0]	1 [2.0]	3 [1.0]			

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INTEGUMENTARY SYSTEM						
Mammary Gland	(15)	(0)	(0)	(1)	(15)	(16)
Skin	(20)	(3)	(1)	(1)	(20)	(20)
Inflammation, Chronic		1 [1.0]				
Inflammation, Chronic Active		1 [3.0]				
Subcut Tiss, Inflammation, Chronic			1 [4.0]			
Ulcer		1 [3.0]				
MUSCULOSKELETAL SYSTEM						
Bone	(19)	(20)	(19)	(20)	(19)	(19)
Femur, Fibrosis	1 [1.0]			1 [1.0]	1 [1.0]	
Maxilla, Fibrosis						1 [1.0]
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 [3.0]
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]					
Alveolus, Inflammation, Acute						1 [1.0]
Interstitial, Inflammation, Chronic	1 [1.0]					1 [1.0]
Perivascular, Inflammation, Chronic	14 [1.3]				2 [1.0]	5 [1.0]
Nose	(20)	(0)	(0)	(1)	(20)	(20)
Inflammation, Acute	1 [1.0]					
Olfactory Epi, Degeneration, Hyaline						1 [2.0]
Respirat Epith, Degeneration, Hyaline						1 [2.0]
Turbinat, Inflammation, Acute					1 [1.0]	

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Trachea	(20)	(0)	(0)	(1)	(20)	(19)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(20)	(0)	(0)	(1)	(20)	(20)
Cortex, Atrophy						1 [1.0]
Cortex, Cyst						1 [1.0]
Renal Tubule, Regeneration						3 [1.0]
Urinary Bladder	(19)	(0)	(0)	(1)	(18)	(20)

**** END OF REPORT ****

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