

**Experiment Number:** 95007-10  
**Test Type:** 24-WEEK  
**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 (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:17:50  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C95007L  
**Lock Date:** 06/26/1997  
**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	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
<b>Disposition Summary</b>					
Animals Initially In Study	30	15	15	15	15
Early Deaths					
Moribund Sacrifice				1	
Survivors					
Terminal Sacrifice	30	15	15	14	15
Animals Examined Microscopically	30	15	15	15	15
<b>ALIMENTARY SYSTEM</b>					
Liver	(30)	(15)	(15)	(15)	(15)
Hepatocyte, Necrosis, Focal	11 [1.0]	4 [1.3]		7 [1.0]	8 [1.0]
Hepatocyte, Vacuolization Cytoplasmic, Focal	6 [1.8]	2 [1.5]			
Infiltration Cellular, Lymphocyte, Focal	3 [1.0]	2 [1.0]			1 [1.0]
Pancreas	(30)	(15)	(15)	(15)	(15)
Acinus, Degeneration, Focal	4 [1.0]				
Infiltration Cellular, Lipocyte, Focal	1 [1.0]				
Infiltration Cellular, Lymphocyte, Focal	1 [1.0]				2 [1.0]
Inflammation, Chronic Active, Focal	1 [1.0]				
Salivary Glands	(29)	(15)	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	16 [1.2]	9 [1.2]	5 [1.0]	7 [1.1]	6 [1.2]
Stomach, Forestomach	(30)	(15)	(15)	(15)	(15)
Stomach, Glandular	(30)	(15)	(15)	(15)	(15)
Inflammation, Chronic Active, Focal			1 [1.0]		
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex	(30)	(15)	(14)	(15)	(15)
Adrenal Medulla	(30)	(15)	(14)	(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 PPM	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
Pituitary Gland	(27)	(13)	(14)	(12)	(11)
Thyroid Gland	(11)	(4)	(13)	(12)	(14)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Epididymis	(30)	(15)	(15)	(15)	(15)
Seminal Vesicle	(1)	(0)	(0)	(0)	(0)
Dilatation	1 [2.0]				
Testes	(30)	(15)	(15)	(15)	(15)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(30)	(15)	(15)	(15)	(15)
Lymph Node	(0)	(0)	(0)	(1)	(0)
Lymph Node, Mandibular	(27)	(15)	(15)	(15)	(14)
Lymph Node, Mediastinal	(18)	(10)	(9)	(13)	(7)
Lymph Node, Mesenteric	(30)	(15)	(15)	(14)	(14)
Hyperplasia, Lymphoid	1 [2.0]				
Spleen	(30)	(15)	(15)	(15)	(15)
Hematopoietic Cell Proliferation			9 [1.2]	10 [1.0]	13 [1.0]
Pigmentation		5 [1.4]			
Thymus	(27)	(12)	(12)	(15)	(15)
Atrophy				1 [3.0]	
Atrophy, Diffuse			1 [3.0]		
INTEGUMENTARY SYSTEM					
Mammary Gland	(3)	(1)	(8)	(0)	(1)
Skin	(30)	(15)	(15)	(15)	(15)
Epidermis, Ulcer, Focal			1 [4.0]		
MUSCULOSKELETAL SYSTEM					

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P53(C57BL/6) Mouse MALE	0 PPM	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
Bone	(30)	(15)	(15)	(15)	(15)
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(30)	(15)	(15)	(15)	(15)
Bronchus, Hyperplasia			1 [2.0]		
Inflammation, Chronic Active, Focal		3 [1.7]	4 [1.3]	2 [1.0]	
Perivascular, Infiltration Cellular, Lymphocyte			1 [1.0]		
Perivascular, Infiltration Cellular, Lymphocyte, Focal	4 [1.0]		1 [1.0]		
Perivascular, Inflammation, Chronic Active, Focal	4 [1.3]		1 [1.0]	3 [1.0]	5 [1.0]
Trachea	(30)	(14)	(15)	(15)	(15)
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(30)	(15)	(15)	(15)	(15)
Cyst				1 [4.0]	
Infiltration Cellular, Lymphocyte, Focal	4 [1.3]			1 [2.0]	
Renal Tubule, Regeneration, Focal	3 [1.0]	1 [1.0]	1 [1.0]	1 [1.0]	

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

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 Lab: MBA

P53(C57BL/6) Mouse FEMALE	0 PPM	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
<b>Disposition Summary</b>					
Animals Initially In Study	30	15	15	15	15
Early Deaths					
Moribund Sacrifice				1	
Survivors					
Terminal Sacrifice	30	15	15	14	15
Animals Examined Microscopically	30	15	15	15	15
<b>ALIMENTARY SYSTEM</b>					
Liver	(30)	(15)	(15)	(15)	(15)
Hepatocyte, Necrosis, Focal	9 [1.0]	7 [1.0]	3 [1.0]	6 [1.0]	9 [1.0]
Infiltration Cellular, Lymphocyte, Focal	3 [1.3]	4 [1.0]		2 [1.0]	2 [1.0]
Pancreas	(30)	(15)	(15)	(15)	(15)
Acinus, Vacuolization Cytoplasmic, Focal				1 [3.0]	
Infiltration Cellular, Lymphocyte, Focal	1 [1.0]			2 [1.0]	1 [1.0]
Salivary Glands	(29)	(15)	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal	9 [1.8]	8 [1.5]	5 [1.4]	4 [1.5]	8 [1.3]
Stomach, Forestomach	(30)	(15)	(15)	(15)	(15)
Epithelium, Hyperplasia, Focal			1 [2.0]		
Inflammation, Acute, Focal			1 [1.0]		
Stomach, Glandular	(30)	(15)	(15)	(15)	(15)
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex	(30)	(15)	(15)	(15)	(15)
Adrenal Medulla	(30)	(15)	(15)	(15)	(15)
Pituitary Gland	(29)	(11)	(6)	(6)	(12)
Thyroid Gland	(25)	(12)	(11)	(11)	(15)

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P53(C57BL/6) Mouse FEMALE	0 PPM	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary	(30)	(15)	(15)	(15)	(15)
Cyst	1 [2.0]				
Uterus	(30)	(15)	(15)	(15)	(15)
Bilateral, Hydrometra	1 [1.0]				
Hydrometra		1 [2.0]			
HEMATOPOIETIC SYSTEM					
Bone Marrow	(30)	(15)	(15)	(15)	(15)
Degeneration				1 [3.0]	
Lymph Node	(1)	(0)	(0)	(0)	(0)
Lymph Node, Mandibular	(29)	(15)	(13)	(15)	(15)
Lymph Node, Mediastinal	(19)	(8)	(10)	(8)	(9)
Lymph Node, Mesenteric	(29)	(15)	(15)	(15)	(15)
Hyperplasia, Lymphoid	1 [2.0]				
Spleen	(30)	(15)	(15)	(15)	(15)
Hematopoietic Cell Proliferation	30 [1.9]	15 [1.8]	7 [1.0]	10 [1.7]	15 [1.6]
Pigmentation	1 [1.0]	15 [1.7]			2 [1.0]
Thymus	(28)	(14)	(14)	(15)	(15)
Hyperplasia				1 [3.0]	
INTEGUMENTARY SYSTEM					
Mammary Gland	(30)	(15)	(15)	(15)	(15)
Skin	(30)	(15)	(15)	(15)	(15)
MUSCULOSKELETAL SYSTEM					
Bone	(30)	(15)	(15)	(15)	(15)
NERVOUS SYSTEM					

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P53(C57BL/6) Mouse FEMALE	0 PPM	3000 PPM8-OHQ	1200 PPMROT	200 PPM 2,4-DAT	200 PPM 2,6-DAT
<b>NERVOUS SYSTEM</b>					
Brain, Cerebellum	(0)	(0)	(0)	(1)	(0)
Hemorrhage, Focal				1 [3.0]	
<b>RESPIRATORY SYSTEM</b>					
Lung	(30)	(15)	(15)	(15)	(15)
Hemorrhage, Focal				1 [2.0]	
Infiltration Cellular, Lymphocyte, Focal	4 [1.3]	2 [1.0]	4 [1.0]	2 [1.0]	1 [1.0]
Inflammation, Chronic Active, Focal	5 [1.4]	4 [1.0]	6 [1.3]	5 [1.4]	5 [1.0]
Perivascular, Inflammation, Chronic Active, Focal	1 [1.0]				
Trachea	(30)	(15)	(15)	(15)	(15)
<b>SPECIAL SENSES SYSTEM</b>					
Eye	(1)	(0)	(0)	(0)	(0)
<b>URINARY SYSTEM</b>					
Kidney	(30)	(15)	(15)	(15)	(15)
Infiltration Cellular, Lymphocyte, Focal		1 [1.0]		3 [1.3]	2 [1.0]
Pelvis, Dilatation				1 [3.0]	1 [2.0]
Renal Tubule, Dilatation, Focal	1 [1.0]		1 [1.0]	1 [1.0]	
Renal Tubule, Necrosis, Focal				1 [1.0]	
Renal Tubule, Regeneration, Focal			1 [1.0]		

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

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