

Experiment Number: 99038-01
Test Type: 1-YEAR
Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 04/19/2016

Time Report Requested: 21:14:03

First Dose M/F: NA / NA

Lab: CIT

C Number: C99038
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Disposition Summary					
Animals Initially In Study	96	96	96	96	96
Scheduled Sacrifice	59	59	58	55	57
Early Deaths					
Moribund Sacrifice	3	6	6	6	4
Natural Death	2	3	1	2	
Survivors					
Moribund Sacrifice	7	1	3	3	2
Natural Death	1	1	1		2
Terminal Sacrifice	23	25	23	28	31
Other	1	1	4	2	
Animals Examined Microscopically	94	95	94	95	95
ALIMENTARY SYSTEM					
Esophagus	(90)	(92)	(84)	(88)	(82)
Inflammation, Chronic	1 (1%)			2 (2%)	
Gallbladder	(84)	(86)	(86)	(91)	(90)
Epithelium, Degeneration, Hyaline		1 (1%)			
Infiltration Cellular, Lymphocyte				1 (1%)	1 (1%)
Infiltration Cellular, Polymorphnuclr	39 (46%)	45 (52%)	31 (36%)	28 (31%)	16 (18%)
Inflammation, Chronic	1 (1%)				
Mineralization					1 (1%)
Intestine Large, Cecum	(92)	(94)	(93)	(93)	(93)
Epithelium, Necrosis			1 (1%)		
Hemorrhage			1 (1%)		
Intestine Large, Colon	(92)	(93)	(94)	(94)	(95)
Hemorrhage		1 (1%)	1 (1%)		
Inflammation, Acute			1 (1%)		
Intestine Large, Rectum	(89)	(91)	(92)	(93)	(95)
Dilatation		1 (1%)			

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Intestine Small, Duodenum	(89)	(82)	(85)	(92)	(91)
Duct, Inflammation, Chronic Active	1 (1%)	1 (1%)			
Intestine Small, Ileum	(90)	(91)	(89)	(92)	(93)
Hyperplasia, Lymphoid				1 (1%)	
Inflammation, Acute			1 (1%)		1 (1%)
Intestine Small, Jejunum	(92)	(92)	(90)	(92)	(93)
Liver	(94)	(95)	(94)	(95)	(95)
Bile Duct, Hyperplasia	1 (1%)				
Clear Cell Focus	10 (11%)	4 (4%)	6 (6%)	8 (8%)	5 (5%)
Congestion	1 (1%)	1 (1%)			
Hematopoietic Cell Proliferation	1 (1%)	4 (4%)	3 (3%)		4 (4%)
Infarct					1 (1%)
Infiltration Cellular, Lymphocyte	46 (49%)	48 (51%)	39 (41%)	35 (37%)	46 (48%)
Infiltration Cellular, Mixed Cell	18 (19%)	20 (21%)	18 (19%)	14 (15%)	16 (17%)
Infiltration Cellular, Mononuclear Cl	3 (3%)		1 (1%)	3 (3%)	
Inflammation, Acute	8 (9%)	13 (14%)	7 (7%)	8 (8%)	7 (7%)
Inflammation, Chronic Active	15 (16%)	16 (17%)	19 (20%)	26 (27%)	31 (33%)
Kupffer Cell, Hyperplasia			1 (1%)		1 (1%)
Leukocytosis	1 (1%)	1 (1%)	2 (2%)		1 (1%)
Mixed Cell Focus	1 (1%)	1 (1%)		1 (1%)	1 (1%)
Necrosis	3 (3%)	2 (2%)	2 (2%)	1 (1%)	1 (1%)
Thrombosis			1 (1%)		1 (1%)
Vacuolization Cytoplasmic	41 (44%)	49 (52%)	36 (38%)	16 (17%)	22 (23%)
Mesentery	(3)	(0)	(1)	(0)	(2)
Edema					1 (50%)
Fat, Necrosis	3 (100%)				
Infiltration Cellular, Lymphocyte					1 (50%)
Oral Mucosa	(0)	(0)	(0)	(0)	(1)
Pancreas	(93)	(92)	(91)	(95)	(94)
Amyloid Deposition		1 (1%)			

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Atrophy	2 (2%)	1 (1%)	2 (2%)	1 (1%)	
Degeneration	1 (1%)	2 (2%)			
Depletion Secretory	1 (1%)				1 (1%)
Duct, Inflammation, Chronic Active	1 (1%)				
Fat, Inflammation, Acute		1 (1%)			
Fat, Mineralization			1 (1%)		
Fat, Necrosis	1 (1%)				
Infiltration Cellular, Lymphocyte	29 (31%)	30 (33%)	26 (29%)	38 (40%)	36 (38%)
Infiltration Cellular, Mononuclear Cl	1 (1%)				
Inflammation, Chronic	2 (2%)	3 (3%)	2 (2%)	3 (3%)	1 (1%)
Inflammation, Chronic Active	1 (1%)	1 (1%)			2 (2%)
Necrosis		1 (1%)	1 (1%)		
Pharynx	(12)	(0)	(0)	(0)	(9)
Salivary Glands	(94)	(94)	(94)	(95)	(95)
Atrophy	2 (2%)	1 (1%)	1 (1%)	1 (1%)	3 (3%)
Cyst				1 (1%)	
Infiltration Cellular, Lymphocyte	66 (70%)	68 (72%)	61 (65%)	58 (61%)	70 (74%)
Infiltration Cellular, Polymorphnuclr		1 (1%)			
Inflammation, Chronic	1 (1%)		1 (1%)	2 (2%)	2 (2%)
Inflammation, Chronic Active	3 (3%)		2 (2%)		
Mineralization	1 (1%)		2 (2%)		
Stomach, Forestomach	(92)	(95)	(90)	(94)	(93)
Cyst				1 (1%)	
Epithelium, Hyperplasia, Squamous					1 (1%)
Stomach, Glandular	(91)	(95)	(91)	(94)	(93)
Inflammation, Acute	1 (1%)	1 (1%)	1 (1%)		1 (1%)
Mineralization	5 (5%)	2 (2%)	1 (1%)	1 (1%)	3 (3%)
Tongue	(89)	(91)	(73)	(64)	(74)
Inflammation, Acute	1 (1%)				1 (1%)
Inflammation, Chronic Active		1 (1%)		1 (2%)	

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Mineralization Tooth	(0)	1 (1%) (0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM					
Blood Vessel	(87)	(83)	(79)	(84)	(77)
Aorta, Mineralization			1 (1%)		
Pigmentation, Hemosiderin	1 (1%)				
Heart	(93)	(92)	(94)	(95)	(95)
Cardiomyopathy	1 (1%)		1 (1%)		2 (2%)
Degeneration				1 (1%)	
Fibrosis	2 (2%)				
Infiltration Cellular, Lymphocyte	1 (1%)	2 (2%)	2 (2%)	1 (1%)	
Infiltration Cellular, Mixed Cell	1 (1%)	1 (1%)			
Infiltration Cellular, Mononuclear CI	1 (1%)				1 (1%)
Inflammation, Acute			2 (2%)	2 (2%)	1 (1%)
Inflammation, Chronic	2 (2%)		1 (1%)	2 (2%)	2 (2%)
Inflammation, Chronic Active		1 (1%)		1 (1%)	2 (2%)
Leukocytosis	1 (1%)				
Mineralization		1 (1%)		1 (1%)	1 (1%)
Necrosis					1 (1%)
Thrombosis			2 (2%)		
Vacuolization Cytoplasmic	1 (1%)	1 (1%)	1 (1%)		
ENDOCRINE SYSTEM					
Adrenal Cortex	(82)	(84)	(91)	(90)	(85)
Atrophy		2 (2%)			
Congestion			1 (1%)		
Cyst		1 (1%)			
Hematopoietic Cell Proliferation			1 (1%)		
Hyperplasia				1 (1%)	
Hypertrophy	15 (18%)	14 (17%)	13 (14%)	8 (9%)	11 (13%)

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Inflammation, Acute	1 (1%)	3 (4%)	3 (3%)		1 (1%)
Mineralization	2 (2%)	2 (2%)	4 (4%)		1 (1%)
Necrosis	1 (1%)				1 (1%)
Pigmentation	64 (78%)	75 (89%)	82 (90%)	65 (72%)	56 (66%)
Spindle Cell, Subcapsular, Hyperplasia	15 (18%)	20 (24%)	24 (26%)	14 (16%)	19 (22%)
Adrenal Medulla	(76)	(79)	(86)	(80)	(75)
Islets, Pancreatic	(93)	(89)	(90)	(95)	(93)
Hyperplasia	1 (1%)				
Parathyroid Gland	(54)	(69)	(53)	(69)	(58)
Cyst	1 (2%)	1 (1%)	1 (2%)		
Infiltration Cellular, Lymphocyte		2 (3%)			
Pituitary Gland	(65)	(70)	(66)	(82)	(67)
Cyst	8 (12%)	14 (20%)	8 (12%)	10 (12%)	12 (18%)
Thyroid Gland	(90)	(90)	(91)	(92)	(88)
Cyst	1 (1%)	1 (1%)		3 (3%)	3 (3%)
Infiltration Cellular, Lymphocyte	3 (3%)		2 (2%)		1 (1%)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Coagulating Gland	(5)	(1)	(2)	(1)	(1)
Epithelium, Hyperplasia	1 (20%)	1 (100%)	1 (50%)		
Inflammation, Chronic	1 (20%)				
Inflammation, Chronic Active	1 (20%)	1 (100%)		1 (100%)	
Epididymis	(93)	(94)	(91)	(94)	(94)
Cyst					1 (1%)
Epithelium, Degeneration				1 (1%)	
Granuloma Sperm	2 (2%)			4 (4%)	2 (2%)
Hypospermia	6 (6%)	4 (4%)	3 (3%)	5 (5%)	2 (2%)
Inflammation, Acute			1 (1%)		

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Species/Strain: Mouse/P53(C57BL/6)

CAS Number: 75-27-4

First Dose M/F: NA / NA

Lab: CIT

P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Inflammation, Chronic	3 (3%)	2 (2%)	1 (1%)	2 (2%)	5 (5%)
Inflammation, Chronic Active				1 (1%)	1 (1%)
Spermatocoele					1 (1%)
Penis	(0)	(2)	(1)	(1)	(0)
Inflammation, Acute				1 (100%)	
Inflammation, Chronic Active		2 (100%)	1 (100%)		
Preputial Gland	(92)	(92)	(93)	(93)	(91)
Atrophy		1 (1%)	2 (2%)		
Congestion	1 (1%)				
Cyst		2 (2%)	1 (1%)	1 (1%)	1 (1%)
Dilatation	1 (1%)	2 (2%)	1 (1%)	2 (2%)	
Diverticulum					1 (1%)
Hyperplasia	1 (1%)	1 (1%)	2 (2%)	1 (1%)	1 (1%)
Hyperplasia, Atypical					1 (1%)
Infiltration Cellular, Lymphocyte	46 (50%)	44 (48%)	38 (41%)	38 (41%)	33 (36%)
Inflammation, Acute		1 (1%)	1 (1%)		
Inflammation, Chronic Active	21 (23%)	25 (27%)	29 (31%)	26 (28%)	19 (21%)
Pigmentation	1 (1%)				
Prostate	(90)	(88)	(92)	(92)	(94)
Amyloid Deposition			1 (1%)		
Hyperplasia	1 (1%)		1 (1%)		1 (1%)
Infiltration Cellular, Lymphocyte	34 (38%)	32 (36%)	47 (51%)	39 (42%)	40 (43%)
Inflammation, Acute			2 (2%)	2 (2%)	1 (1%)
Inflammation, Chronic	3 (3%)	2 (2%)	2 (2%)	1 (1%)	3 (3%)
Inflammation, Chronic Active	1 (1%)	2 (2%)	2 (2%)	4 (4%)	5 (5%)
Seminal Vesicle	(92)	(92)	(94)	(94)	(95)
Capsule, Fibrosis			1 (1%)		1 (1%)
Cyst			1 (1%)		
Depletion Secretory	4 (4%)	5 (5%)	7 (7%)	4 (4%)	5 (5%)
Dilatation	6 (7%)	2 (2%)	5 (5%)	3 (3%)	1 (1%)

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Edema		1 (1%)			
Hemorrhage	1 (1%)	1 (1%)			
Infiltration Cellular, Lymphocyte	1 (1%)				1 (1%)
Inflammation, Chronic	1 (1%)				
Inflammation, Chronic Active	1 (1%)				
Spermatocoele		1 (1%)			
Testes	(93)	(94)	(92)	(94)	(94)
Hemorrhage		1 (1%)			
Infiltration Cellular, Lymphocyte			2 (2%)		
Interstit Cell, Hyperplasia	6 (6%)	2 (2%)	2 (2%)	1 (1%)	1 (1%)
Mineralization	3 (3%)	2 (2%)	2 (2%)	4 (4%)	3 (3%)
Rete Testes, Inflammation, Chronic Active			1 (1%)		
Rete Testes, Spermatocoele		1 (1%)			
Seminif Tub, Degeneration	32 (34%)	33 (35%)	38 (41%)	25 (27%)	27 (29%)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(94)	(95)	(94)	(92)	(93)
Depletion Cellular					1 (1%)
Erythroid Cell, Hyperplasia	5 (5%)	2 (2%)	1 (1%)		2 (2%)
Hyperplasia	6 (6%)	5 (5%)	13 (14%)	9 (10%)	6 (6%)
Hyperplasia, Megakaryocyte		1 (1%)			
Myelofibrosis					2 (2%)
Lymph Node	(0)	(1)	(3)	(1)	(3)
Inguinal, Hyperplasia, Lymphoid		1 (100%)			
Inguinal, Hyperplasia, Reticulum Cell		1 (100%)			
Lumbar, Hyperplasia, Plasma Cell			1 (33%)		
Lymph Node, Bronchial	(8)	(2)	(1)	(0)	(1)
Lymph Node, Mandibular	(84)	(87)	(81)	(83)	(75)
Cyst					1 (1%)
Ectasia		1 (1%)	1 (1%)	1 (1%)	
Hemorrhage	1 (1%)				

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Hyperplasia, Lymphoid	5 (6%)	6 (7%)	4 (5%)	2 (2%)	6 (8%)
Hyperplasia, Plasma Cell	4 (5%)	3 (3%)	5 (6%)	1 (1%)	6 (8%)
Hyperplasia, Reticulum Cell	5 (6%)	8 (9%)	12 (15%)	8 (10%)	9 (12%)
Infiltration Cellular, Polymorphnucl	1 (1%)		1 (1%)	1 (1%)	5 (7%)
Lymph Node, Mediastinal	(15)	(3)	(6)	(11)	(13)
Hemorrhage			1 (17%)		
Hyperplasia, Lymphoid		1 (33%)	1 (17%)	2 (18%)	1 (8%)
Hyperplasia, Plasma Cell	2 (13%)				2 (15%)
Hyperplasia, Reticulum Cell			1 (17%)		1 (8%)
Infiltration Cellular, Polymorphnucl				1 (9%)	
Inflammation, Acute					1 (8%)
Lymph Node, Mesenteric	(89)	(88)	(89)	(82)	(88)
Amyloid Deposition		1 (1%)			
Depletion Lymphoid		1 (1%)			1 (1%)
Ectasia	1 (1%)				
Hemorrhage	1 (1%)	1 (1%)	1 (1%)		
Hyperplasia, Lymphoid	5 (6%)	2 (2%)	2 (2%)	2 (2%)	4 (5%)
Hyperplasia, Plasma Cell					1 (1%)
Hyperplasia, Reticulum Cell	5 (6%)	4 (5%)	1 (1%)	4 (5%)	2 (2%)
Infiltration Cellular, Polymorphnucl	1 (1%)				1 (1%)
Inflammation, Acute		1 (1%)			
Inflammation, Chronic Active				3 (4%)	
Spleen	(91)	(94)	(94)	(95)	(95)
Congestion	2 (2%)		1 (1%)		3 (3%)
Cyst			1 (1%)		
Depletion Lymphoid		1 (1%)	2 (2%)		1 (1%)
Hematopoietic Cell Proliferation	4 (4%)	7 (7%)	14 (15%)	7 (7%)	8 (8%)
Hyperplasia, Lymphoid	1 (1%)	1 (1%)	5 (5%)	3 (3%)	1 (1%)
Hyperplasia, Plasma Cell	1 (1%)				
Hyperplasia, Reticulum Cell	1 (1%)		1 (1%)	1 (1%)	1 (1%)

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Inflammation, Chronic		1 (1%)			
Thymus	(89)	(86)	(78)	(86)	(84)
Cyst	20 (22%)	22 (26%)	19 (24%)	31 (36%)	32 (38%)
Depletion Lymphoid	1 (1%)	2 (2%)	2 (3%)	2 (2%)	8 (10%)
Hemorrhage		2 (2%)	1 (1%)	1 (1%)	
Hyperplasia, Lymphoid	2 (2%)				
Inflammation, Chronic Active				1 (1%)	1 (1%)
Medulla, Hyperplasia	1 (1%)	1 (1%)			
Mineralization					1 (1%)
INTEGUMENTARY SYSTEM					
Mammary Gland	(1)	(2)	(1)	(0)	(2)
Skin	(94)	(94)	(90)	(93)	(91)
Hyperplasia, Lymphoid		2 (2%)			
Hyperplasia, Plasma Cell		1 (1%)		1 (1%)	
Infiltration Cellular, Lymphocyte		1 (1%)	1 (1%)		
Inflammation, Chronic Active			2 (2%)	1 (1%)	
Necrosis			1 (1%)		
Other, Acanthosis		1 (1%)			2 (2%)
Other, Inflammation, Chronic Active	2 (2%)	3 (3%)	2 (2%)	3 (3%)	4 (4%)
Pinna, Acanthosis	2 (2%)	3 (3%)	2 (2%)	2 (2%)	4 (4%)
Pinna, Cyst Epithelial Inclusion			1 (1%)		1 (1%)
Pinna, Exudate		1 (1%)	1 (1%)		
Pinna, Inflammation, Acute					1 (1%)
Pinna, Inflammation, Chronic		1 (1%)			
Pinna, Inflammation, Chronic Active	3 (3%)	5 (5%)	2 (2%)	3 (3%)	6 (7%)
Pinna, Metaplasia		1 (1%)			
MUSCULOSKELETAL SYSTEM					
Bone	(83)	(90)	(67)	(89)	(92)
Cartilage, Rib, Degeneration	1 (1%)				

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Cartilage, Sternum, Degeneration		1 (1%)	1 (1%)		
Femur, Hyperostosis		2 (2%)	1 (1%)		
Sternum, Dysplasia		1 (1%)	1 (1%)		
Skeletal Muscle	(90)	(95)	(66)	(64)	(75)
NERVOUS SYSTEM					
Brain	(93)	(89)	(93)	(94)	(95)
Capillary, Hyperplasia				1 (1%)	
Cyst Epithelial Inclusion				1 (1%)	
Gliosis		1 (1%)			
Hemorrhage	1 (1%)				
Infiltration Cellular, Lymphocyte				1 (1%)	
Inflammation, Acute				1 (1%)	
Inflammation, Chronic Active					1 (1%)
Mineralization	22 (24%)	21 (24%)	13 (14%)	22 (23%)	17 (18%)
Pigmentation	1 (1%)				
Thrombosis			1 (1%)		
Peripheral Nerve	(11)	(0)	(0)	(0)	(5)
Spinal Cord	(89)	(90)	(65)	(64)	(74)
RESPIRATORY SYSTEM					
Larynx	(73)	(60)	(70)	(69)	(69)
Artery, Hypertrophy					1 (1%)
Exudate		1 (2%)			
Inflammation, Acute	3 (4%)	2 (3%)	1 (1%)	2 (3%)	1 (1%)
Inflammation, Chronic				1 (1%)	
Inflammation, Chronic Active					1 (1%)
Respirat Epith, Necrosis		1 (2%)			
Lung	(94)	(94)	(92)	(93)	(95)
Alveolus, Infiltration Cellular, Histiocyte	15 (16%)	21 (22%)	17 (18%)	12 (13%)	19 (20%)
Bronchus, Metaplasia, Squamous		1 (1%)			

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Test Compound: Bromodichloromethane

Time Report Requested: 21:14:04

Species/Strain: Mouse/P53(C57BL/6)

CAS Number: 75-27-4

First Dose M/F: NA / NA

Lab: CIT

P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Congestion		1 (1%)	2 (2%)		
Epithelium, Hyperplasia	4 (4%)				
Foreign Body	7 (7%)	4 (4%)	12 (13%)	3 (3%)	8 (8%)
Hemorrhage	4 (4%)	5 (5%)	2 (2%)	3 (3%)	4 (4%)
Infiltration Cellular, Lymphocyte			2 (2%)	1 (1%)	
Inflammation, Acute	2 (2%)	3 (3%)	5 (5%)	2 (2%)	5 (5%)
Inflammation, Chronic		1 (1%)	1 (1%)	2 (2%)	1 (1%)
Inflammation, Chronic Active	9 (10%)	9 (10%)	10 (11%)	7 (8%)	15 (16%)
Leukocytosis	1 (1%)				1 (1%)
Mineralization		1 (1%)			
Peribronchial, Hyperplasia, Lymphoid	5 (5%)	3 (3%)	7 (8%)	5 (5%)	6 (6%)
Peribronchial, Infiltration Cellular, Lymphoid	1 (1%)				
Thrombosis			2 (2%)		
Nose	(94)	(95)	(93)	(95)	(93)
Arteriole, Inflammation, Chronic Active				1 (1%)	
Cyst				1 (1%)	
Exudate	3 (3%)	9 (9%)	5 (5%)	41 (43%)	53 (57%)
Exudate, Serous	16 (17%)	17 (18%)	15 (16%)	50 (53%)	75 (81%)
Glands, Inflammation, Acute	1 (1%)	1 (1%)	1 (1%)		1 (1%)
Hemorrhage					1 (1%)
Hyperplasia, Squamous				1 (1%)	
Myelofibrosis					1 (1%)
Nasolacrim Dct, Hyperplasia				1 (1%)	
Olfactory Epi, Atrophy			8 (9%)	11 (12%)	12 (13%)
Olfactory Epi, Degeneration	1 (1%)	6 (6%)	31 (33%)	37 (39%)	24 (26%)
Olfactory Epi, Degeneration, Hyaline	2 (2%)	1 (1%)		10 (11%)	4 (4%)
Olfactory Epi, Hyperplasia, Basal Cell	2 (2%)	2 (2%)	4 (4%)	2 (2%)	3 (3%)
Olfactory Epi, Inflammation, Acute			4 (4%)		4 (4%)
Olfactory Epi, Metaplasia			1 (1%)	4 (4%)	2 (2%)
Olfactory Epi, Necrosis			9 (10%)	9 (9%)	9 (10%)

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

Experiment Number: 99038-01

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

Date Report Requested: 04/19/2016

Test Type: 1-YEAR

Test Compound: Bromodichloromethane

Time Report Requested: 21:14:04

Species/Strain: Mouse/P53(C57BL/6)

CAS Number: 75-27-4

First Dose M/F: NA / NA

Lab: CIT

P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Respirat Epith, Degeneration				5 (5%)	1 (1%)
Respirat Epith, Degeneration, Hyaline	2 (2%)	2 (2%)	8 (9%)	67 (71%)	72 (77%)
Respirat Epith, Hyperplasia		1 (1%)	1 (1%)	2 (2%)	4 (4%)
Respirat Epith, Hyperplasia, Basal Cell				1 (1%)	
Respirat Epith, Inflammation, Acute	5 (5%)	5 (5%)	11 (12%)	39 (41%)	47 (51%)
Respirat Epith, Metaplasia					4 (4%)
Respirat Epith, Necrosis			1 (1%)		
Squam Epithel, Degeneration					1 (1%)
Squam Epithel, Foreign Body		1 (1%)			
Squam Epithel, Hyperplasia					2 (2%)
Squam Epithel, Inflammation, Acute	4 (4%)	4 (4%)	10 (11%)	37 (39%)	28 (30%)
Pleura	(0)	(1)	(0)	(0)	(0)
Trachea	(92)	(92)	(91)	(94)	(87)
Inflammation, Acute	2 (2%)			1 (1%)	2 (2%)
Inflammation, Chronic Active				1 (1%)	
SPECIAL SENSES SYSTEM					
Ear	(0)	(0)	(1)	(0)	(0)
Eye	(88)	(93)	(67)	(64)	(74)
Harderian Gland	(91)	(94)	(67)	(64)	(75)
Infiltration Cellular, Lymphocyte	3 (3%)	6 (6%)			
Infiltration Cellular, Mononuclear Cl	2 (2%)	2 (2%)			1 (1%)
Lacrimal Gland	(31)	(30)	(13)	(3)	(14)
Atrophy	12 (39%)	15 (50%)		1 (33%)	5 (36%)
Extraorbital, Inflammation, Chronic	1 (3%)				
Hyperplasia		1 (3%)			
Infiltration Cellular, Lymphocyte	25 (81%)	28 (93%)	12 (92%)	3 (100%)	12 (86%)
Infiltration Cellular, Mononuclear Cl	1 (3%)				
Inflammation, Chronic	2 (6%)		1 (8%)		
Inflammation, Chronic Active	2 (6%)	3 (10%)	1 (8%)		2 (14%)
Necrosis		1 (3%)	1 (8%)	1 (33%)	

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

Experiment Number: 99038-01

Test Type: 1-YEAR

Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 04/19/2016

Time Report Requested: 21:14:05

First Dose M/F: NA / NA

Lab: CIT

P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Zymbal's Gland	(83)	(82)	(66)	(64)	(73)
Infiltration Cellular, Lymphocyte	1 (1%)				
Inflammation, Acute	1 (1%)				
Inflammation, Chronic		1 (1%)			
Inflammation, Chronic Active	1 (1%)		1 (2%)		1 (1%)
URINARY SYSTEM					
Kidney	(92)	(95)	(92)	(95)	(95)
Casts Protein					2 (2%)
Congestion	1 (1%)				2 (2%)
Cortex, Mineralization	2 (2%)	3 (3%)	1 (1%)	7 (7%)	13 (14%)
Cyst		2 (2%)	1 (1%)	1 (1%)	10 (11%)
Degeneration					1 (1%)
Degeneration, Hydropic					1 (1%)
Epithelium, Renal Tubule, Cytomegaly		1 (1%)		43 (45%)	85 (89%)
Epithelium, Renal Tubule, Vacuolization Cytoplasmic	62 (67%)	73 (77%)	20 (22%)	10 (11%)	20 (21%)
Fibrosis				1 (1%)	
Glomerulus, Amyloid Deposition			1 (1%)		
Glomerulus, Nephropathy	1 (1%)				
Hematopoietic Cell Proliferation		1 (1%)			
Infiltration Cellular, Histiocyte		1 (1%)			
Infiltration Cellular, Lymphocyte	52 (57%)	43 (45%)	49 (53%)	53 (56%)	59 (62%)
Infiltration Cellular, Mononuclear Cl	1 (1%)	2 (2%)			
Inflammation, Acute			1 (1%)	1 (1%)	
Inflammation, Chronic	3 (3%)	3 (3%)		4 (4%)	1 (1%)
Inflammation, Chronic Active			1 (1%)	2 (2%)	
Mineralization			1 (1%)		
Nephropathy	6 (7%)	4 (4%)	4 (4%)	6 (6%)	8 (8%)
Papilla, Mineralization	15 (16%)	14 (15%)	10 (11%)	20 (21%)	17 (18%)
Pelvis, Dilatation	1 (1%)	1 (1%)	4 (4%)	2 (2%)	1 (1%)

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

Experiment Number: 99038-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/P53(C57BL/6)

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
 Test Compound: Bromodichloromethane
 CAS Number: 75-27-4

Date Report Requested: 04/19/2016
 Time Report Requested: 21:14:05
 First Dose M/F: NA / NA
 Lab: CIT

P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Pelvis, Inflammation, Acute			1 (1%)	1 (1%)	
Renal Tubule, Degeneration		1 (1%)	1 (1%)	21 (22%)	73 (77%)
Renal Tubule, Degeneration, Hydropic			1 (1%)		
Renal Tubule, Dilatation	2 (2%)	1 (1%)	2 (2%)	1 (1%)	1 (1%)
Renal Tubule, Hyperplasia, Atypical					1 (1%)
Renal Tubule, Necrosis	1 (1%)				
Renal Tubule, Regeneration	25 (27%)	15 (16%)	21 (23%)	16 (17%)	17 (18%)
Urinary Bladder	(91)	(93)	(91)	(91)	(91)
Dilatation	7 (8%)	9 (10%)	7 (8%)	5 (5%)	10 (11%)
Edema		1 (1%)			
Infiltration Cellular, Lymphocyte	4 (4%)	8 (9%)	5 (5%)	8 (9%)	4 (4%)
Inflammation, Acute				1 (1%)	1 (1%)
Inflammation, Chronic Active	1 (1%)			3 (3%)	1 (1%)
Mineralization	1 (1%)		1 (1%)		
Muscularis, Hypertrophy	1 (1%)				
Transit Epithe, Necrosis	1 (1%)				

**** END OF REPORT ****