

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

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Test Compound: Bromodichloromethane

CAS Number: 75-27-4

Date Report Requested: 04/19/2016

Time Report Requested: 21:13:40

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)
Gallbladder	(84)	(86)	(86)	(91)	(90)
Intestine Large, Cecum	(92)	(94)	(93)	(93)	(93)
Intestine Large, Colon	(92)	(93)	(94)	(94)	(95)
Intestine Large, Rectum	(89)	(91)	(92)	(93)	(95)
Intestine Small, Duodenum	(89)	(82)	(85)	(92)	(91)
Lymphoma Malignant			1 (1%)		
Sarcoma			1 (1%)		
Intestine Small, Ileum	(90)	(91)	(89)	(92)	(93)
Lymphoma Malignant		1 (1%)			
Intestine Small, Jejunum	(92)	(92)	(90)	(92)	(93)
Liver	(94)	(95)	(94)	(95)	(95)
Hepatocellular Adenoma				1 (1%)	1 (1%)
Histiocytic Sarcoma		2 (2%)			

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Lymphoma Malignant		4 (4%)	2 (2%)		2 (2%)
Mesentery	(3)	(0)	(1)	(0)	(2)
Histiocytic Sarcoma			1 (100%)		
Oral Mucosa	(0)	(0)	(0)	(0)	(1)
Pancreas	(93)	(92)	(91)	(95)	(94)
Lymphoma Malignant		1 (1%)	1 (1%)		1 (1%)
Pharynx	(12)	(0)	(0)	(0)	(9)
Salivary Glands	(94)	(94)	(94)	(95)	(95)
Stomach, Forestomach	(92)	(95)	(90)	(94)	(93)
Squamous Cell Papilloma	1 (1%)				
Stomach, Glandular	(91)	(95)	(91)	(94)	(93)
Tongue	(89)	(91)	(73)	(64)	(74)
Tooth	(0)	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM					
Blood Vessel	(87)	(83)	(79)	(84)	(77)
Aorta, Lymphoma Malignant	2 (2%)	2 (2%)	1 (1%)		
Lymphoma Malignant				1 (1%)	1 (1%)
Heart	(93)	(92)	(94)	(95)	(95)
Lymphoma Malignant	2 (2%)	3 (3%)	1 (1%)	1 (1%)	3 (3%)
Osteosarcoma, Metastatic, Skeletal Muscle		1 (1%)			
ENDOCRINE SYSTEM					
Adrenal Cortex	(82)	(84)	(91)	(90)	(85)
Lymphoma Malignant		1 (1%)			
Adrenal Medulla	(76)	(79)	(86)	(80)	(75)
Pheochromocytoma Benign		1 (1%)			
Islets, Pancreatic	(93)	(89)	(90)	(95)	(93)
Parathyroid Gland	(54)	(69)	(53)	(69)	(58)

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Pituitary Gland	(65)	(70)	(66)	(82)	(67)
Lymphoma Malignant			1 (2%)		1 (1%)
Thyroid Gland	(90)	(90)	(91)	(92)	(88)
Follicular Cel, Adenoma		1 (1%)			
Lymphoma Malignant	1 (1%)	1 (1%)			
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Coagulating Gland	(5)	(1)	(2)	(1)	(1)
Epididymis	(93)	(94)	(91)	(94)	(94)
Fibroma				1 (1%)	1 (1%)
Lymphoma Malignant					1 (1%)
Sarcoma			1 (1%)		
Penis	(0)	(2)	(1)	(1)	(0)
Preputial Gland	(92)	(92)	(93)	(93)	(91)
Squamous Cell Papilloma					1 (1%)
Prostate	(90)	(88)	(92)	(92)	(94)
Lymphoma Malignant		1 (1%)			1 (1%)
Sarcoma	1 (1%)	1 (1%)	1 (1%)		1 (1%)
Seminal Vesicle	(92)	(92)	(94)	(94)	(95)
Lymphoma Malignant		1 (1%)			
Sarcoma			1 (1%)	1 (1%)	
Testes	(93)	(94)	(92)	(94)	(94)
Lymphoma Malignant			1 (1%)		
HEMATOPOIETIC SYSTEM					
Bone Marrow	(94)	(95)	(94)	(92)	(93)
Histiocytic Sarcoma		1 (1%)			

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Lymphoma Malignant		2 (2%)	1 (1%)		1 (1%)
Lymph Node	(0)	(1)	(3)	(1)	(3)
Lymphoma Malignant					1 (33%)
Renal, Lymphoma Malignant, Metastatic, Lymph Node, Mesenteric					1 (33%)
Lymph Node, Bronchial	(8)	(2)	(1)	(0)	(1)
Lymphoma Malignant		2 (100%)	1 (100%)		
Lymphoma Malignant, Metastatic, Lymph Node, Mesenteric					1 (100%)
Lymph Node, Mandibular	(84)	(87)	(81)	(83)	(75)
Lymphoma Malignant	1 (1%)	2 (2%)	1 (1%)		1 (1%)
Lymphoma Malignant, Metastatic, Lymph Node, Mesenteric					1 (1%)
Mast Cell Tumor Malignant		1 (1%)			
Lymph Node, Mediastinal	(15)	(3)	(6)	(11)	(13)
Lymphoma Malignant		2 (67%)	1 (17%)		1 (8%)
Lymphoma Malignant, Metastatic, Lymph Node, Mesenteric					1 (8%)
Lymph Node, Mesenteric	(89)	(88)	(89)	(82)	(88)
Histiocytic Sarcoma			1 (1%)		
Lymphoma Malignant		3 (3%)	1 (1%)	1 (1%)	3 (3%)
Spleen	(91)	(94)	(94)	(95)	(95)
Histiocytic Sarcoma		1 (1%)			
Lymphoma Malignant		3 (3%)	1 (1%)		1 (1%)
Lymphoma Malignant, Metastatic, Lymph Node, Mesenteric					1 (1%)
Thymus	(89)	(86)	(78)	(86)	(84)
Histiocytic Sarcoma		1 (1%)			
Lymphoma Malignant	4 (4%)	4 (5%)	1 (1%)	1 (1%)	3 (4%)

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P53(C57BL/6) Mouse MALE	0 PPM	0.5 PPM	3 PPM	10 PPM	15 PPM
Mast Cell Tumor Malignant, Metastatic, Lymph Node, Mandibular		1 (1%)			
INTEGUMENTARY SYSTEM					
Mammary Gland	(1)	(2)	(1)	(0)	(2)
Skin	(94)	(94)	(90)	(93)	(91)
Pinna, Keratoacanthoma					1 (1%)
Pinna, Sarcoma	3 (3%)	1 (1%)	2 (2%)	1 (1%)	3 (3%)
MUSCULOSKELETAL SYSTEM					
Bone	(83)	(90)	(67)	(89)	(92)
Femur, Osteosarcoma		1 (1%)			2 (2%)
Humerus, Osteosarcoma		1 (1%)			
Lymphoma Malignant					1 (1%)
Pelvis, Osteosarcoma					1 (1%)
Skeletal Muscle	(90)	(95)	(66)	(64)	(75)
Osteosarcoma		1 (1%)	1 (2%)		
NERVOUS SYSTEM					
Brain	(93)	(89)	(93)	(94)	(95)
Lymphoma Malignant			1 (1%)		1 (1%)
Meningioma Malignant					1 (1%)
Peripheral Nerve	(11)	(0)	(0)	(0)	(5)
Spinal Cord	(89)	(90)	(65)	(64)	(74)
RESPIRATORY SYSTEM					
Larynx	(73)	(60)	(70)	(69)	(69)
Lymphoma Malignant	1 (1%)				
Lung	(94)	(94)	(92)	(93)	(95)
Alveolar/Bronchiolar Carcinoma		1 (1%)			
Lymphoma Malignant	3 (3%)	4 (4%)	1 (1%)	1 (1%)	3 (3%)

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Osteosarcoma, Metastatic, Bone					1 (1%)
Osteosarcoma, Metastatic, Skeletal Muscle		1 (1%)	1 (1%)		
Nose	(94)	(95)	(93)	(95)	(93)
Carcinoma			1 (1%)		
Lymphoma Malignant		1 (1%)			1 (1%)
Meningioma Malignant, Metastatic, Brain					1 (1%)
Pleura	(0)	(1)	(0)	(0)	(0)
Trachea	(92)	(92)	(91)	(94)	(87)
Lymphoma Malignant	2 (2%)		1 (1%)		
SPECIAL SENSES SYSTEM					
Ear	(0)	(0)	(1)	(0)	(0)
Eye	(88)	(93)	(67)	(64)	(74)
Meningioma Malignant, Metastatic, Brain					1 (1%)
Harderian Gland	(91)	(94)	(67)	(64)	(75)
Adenoma	1 (1%)			1 (2%)	2 (3%)
Meningioma Malignant, Metastatic, Brain					1 (1%)
Lacrimal Gland	(31)	(30)	(13)	(3)	(14)
Zymbal's Gland	(83)	(82)	(66)	(64)	(73)
URINARY SYSTEM					
Kidney	(92)	(95)	(92)	(95)	(95)
Lymphoma Malignant	1 (1%)	3 (3%)	2 (2%)		1 (1%)
Urinary Bladder	(91)	(93)	(91)	(91)	(91)
Submucosa, Mesenchymal Tumor Benign	1 (1%)				
SYSTEMIC LESIONS					
Multiple Organ	*(94)	*(95)	*(94)	*(95)	*(95)
Histiocytic Sarcoma		2 (2%)	1 (1%)		
Lymphoma Malignant	4 (4%)	4 (4%)	2 (2%)	2 (2%)	4 (4%)

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Tumor Summary for MALE					
Total Animals with Primary Neoplasms (b)	11	13	11	7	15
Total Primary Neoplasms	11	15	11	7	18
Total Animals with Benign Neoplasms	3	1		3	6
Total Benign Neoplasms	3	2		3	6
Total Animals with Malignant Neoplasms	8	12	11	4	11
Total Malignant Neoplasms	8	13	11	4	12
Total Animals with Metastatic Neoplasms		2	1		3
Total Metastatic Neoplasms		3	1		9
Total Animals with Malignant Neoplasms Uncertain Primary Site					
Total Animals with Neoplasms Uncertain - Benign or Malignant					
Total Uncertain Neoplasms					

** END OF REPORT **

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