

Experiment Number: 20114 - 03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/BALB/C

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

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 04/06/2012

Time Report Requested: 09:03:05

First Dose M/F: 08/22/02 / NA

Lab: BAT

F1_MW

NTP Study Number: C20114B
Lock Date: 05/15/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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BALB/C MICE MALE

0 MG/L

62.5 MG/L

125 MG/L

250 MG/L

Disposition Summary

Animals Initially In Study

10

10

10

10

Early Deaths

Survivors

Terminal Sacrifice

10

10

10

10

Animals Examined Microscopically

10

10

10

10

ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte		4 (40%)	9 (90%)	10 (100%)
Epithelium, Hyperplasia		2 (20%)	10 (100%)	10 (100%)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Fatty Change, Diffuse	10 (100%)	10 (100%)	10 (100%)	10 (100%)
Hematopoietic Cell Proliferation				1 (10%)
Inflammation	3 (30%)	5 (50%)	2 (20%)	
Mineralization	1 (10%)			
Necrosis, Focal	3 (30%)	2 (20%)		
Pancreas	(10)	(10)	(10)	(10)
Depletion Secretory		6 (60%)	9 (90%)	10 (100%)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte		1 (10%)	1 (10%)	
Stomach, Glandular	(10)	(10)	(10)	(10)
Inflammation				1 (10%)
Mineralization				1 (10%)

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

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CARDIOVASCULAR SYSTEM				
Heart	(10)	(0)	(0)	(10)
ENDOCRINE SYSTEM				
Adrenal Cortex	(10)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(10)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(10)
Abscess				1 (10%)
Prostate	(10)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(10)
Germinal Epithelium, Degeneration	5 (50%)			8 (80%)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node	(2)	(0)	(1)	(1)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)
Spleen	(10)	(0)	(0)	(10)

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Thymus	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
Skeletal Muscle	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(10)
Olfactory Epithelium, Atrophy, Focal				1 (10%)
Trachea	(10)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM				
Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Infiltration Cellular, Mixed Cell				1 (10%)
Medulla, Renal Tubule, Mineralization		1 (10%)		

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Renal Tubule, Casts Protein	2 (20%)	1 (10%)		
Renal Tubule, Dilatation, Focal		1 (10%)		
Renal Tubule, Regeneration	3 (30%)	6 (60%)	4 (40%)	3 (30%)
Urinary Bladder	(10)	(0)	(0)	(10)

*** END OF REPORT ***

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