

**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

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**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

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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%)

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

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<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(10)	(0)	(0)	(10)
<b>ENDOCRINE SYSTEM</b>				
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)
<b>GENERAL BODY SYSTEM</b>				
None				
<b>GENITAL SYSTEM</b>				
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%)
<b>HEMATOPOIETIC SYSTEM</b>				
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)
<b>INTEGUMENTARY SYSTEM</b>				
None				
<b>MUSCULOSKELETAL SYSTEM</b>				
Bone	(10)	(0)	(0)	(10)
Skeletal Muscle	(10)	(0)	(0)	(10)
<b>NERVOUS SYSTEM</b>				
Brain	(10)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>				
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(10)
Olfactory Epithelium, Atrophy, Focal				1 (10%)
Trachea	(10)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>				
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)

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

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