

Experiment Number: 20114 - 03

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 04/06/2012

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 09:03:05

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/BALB/C

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

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 09:03:05

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/BALB/C

Lab: BAT

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 [1.0]	9 [1.8]	10 [1.7]
Epithelium, Hyperplasia		2 [1.0]	10 [1.1]	10 [1.4]
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Fatty Change, Diffuse	10 [2.0]	10 [1.6]	10 [1.8]	10 [1.4]
Hematopoietic Cell Proliferation				1 [1.0]
Inflammation	3 [1.0]	5 [1.0]	2 [1.0]	
Mineralization	1 [1.0]			
Necrosis, Focal	3 [1.0]	2 [1.0]		
Pancreas	(10)	(10)	(10)	(10)
Depletion Secretory		6 [1.0]	9 [1.3]	10 [1.5]
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte		1 [2.0]	1 [1.0]	
Stomach, Glandular	(10)	(10)	(10)	(10)
Inflammation				1 [1.0]
Mineralization				1 [1.0]

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)

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 09:03:05

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/BALB/C

Lab: BAT

BALB/C MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
------------------	--------	-----------	----------	----------

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 [4.0]
Prostate	(10)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(10)
Germinal Epithelium, Degeneration	5 [1.0]			8 [1.0]

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)

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)

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 09:03:05

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/BALB/C

Lab: BAT

BALB/C MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
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 [1.0]
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 [1.0]
Medulla, Renal Tubule, Mineralization		1 [1.0]		

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)

Experiment Number: 20114 - 03

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Date Report Requested: 04/06/2012

Test Type: 90-DAY

Sodium dichromate dihydrate (VI)

Time Report Requested: 09:03:05

Route: DOSED WATER

CAS Number: 7789-12-0

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

Species/Strain: MICE/BALB/C

Lab: BAT

BALB/C MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L
Renal Tubule, Casts Protein	2 [1.0]	1 [1.0]		
Renal Tubule, Dilatation, Focal		1 [1.0]		
Renal Tubule, Regeneration	3 [1.0]	6 [1.0]	4 [1.0]	3 [1.0]
Urinary Bladder	(10)	(0)	(0)	(10)

*** END OF REPORT ***

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)