

Experiment Number: 91069 - 01
Test Type: 28-DAY
Route: GAVAGE
Species/Strain: RATS/HSD

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

Wyeth 14,643 (WY)
CAS Number: 50892-23-4

Date Report Requested: 02/06/2018
Time Report Requested: 12:39:53
First Dose M/F: 01/26/12 / 01/27/12
Lab: BAT

Wyeth_Final 1

NTP Study Number: C91069
Lock Date: 04/25/2016
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Lab: BAT

Harlan Sprague Dawley RATS MALE

0mg/kg/d M

6.25mg/kg/d M

12.5mg/kg/d M

25mg/kg/d M

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)
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)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule	1 (10%)			
Infiltration Cellular, Mixed Cell	1 (10%)	2 (20%)	2 (20%)	4 (40%)
Hepatocyte, Cytoplasmic Alteration		9 (90%)	10 (100%)	10 (100%)
Hepatocyte, Hypertrophy		5 (50%)	10 (100%)	10 (100%)
Pancreas	(10)	(10)	(10)	(10)
Inflammation, Chronic	1 (10%)			
Acinar Cell, Atrophy				1 (10%)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)
Mineral				1 (10%)

CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(10)
Cardiomyopathy	1 (10%)			

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

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Harlan Sprague Dawley RATS MALE

0mg/kg/d M

6.25mg/kg/d M

12.5mg/kg/d M

25mg/kg/d M

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(10)
Mineral	1 (10%)			
Vacuolization Cytoplasmic	1 (10%)			
Adrenal Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(8)
Pituitary Gland	(10)	(0)	(0)	(10)
Thyroid Gland	(10)	(10)	(10)	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(10)	(0)	(10)	(10)
Inflammation, Chronic	1 (10%)			
Duct, Exfoliated Germ Cell				1 (10%)
Preputial Gland	(10)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(10)	(10)	(10)
Germinal Epithelium, Degeneration				1 (10%)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(10)	(10)	(10)

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Harlan Sprague Dawley RATS MALE	0mg/kg/d M	6.25mg/kg/d M	12.5mg/kg/d M	25mg/kg/d M
Thymus	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Infiltration Cellular				1 (10%)
Nose	(10)	(10)	(10)	(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)
Nephropathy, Chronic Progressive	6 (60%)	4 (40%)	8 (80%)	7 (70%)
Urinary Bladder	(10)	(0)	(0)	(10)

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Harlan Sprague Dawley RATS MALE

0mg/kg/d M

6.25mg/kg/d M

12.5mg/kg/d M

25mg/kg/d M

*** END OF MALE ***

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Harlan Sprague Dawley RATS FEMALE

0mg/kg/d F

6.25mg/kg/d F

12.5mg/kg/d F

25mg/kg/d F

Disposition Summary

	0mg/kg/d F	6.25mg/kg/d F	12.5mg/kg/d F	25mg/kg/d F
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)
Inflammation				1 (10%)
Muscularis, Degeneration				1 (10%)
Muscularis, Inflammation, Chronic				1 (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)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Infiltration Cellular, Mixed Cell	1 (10%)			
Inflammation, Chronic Active			1 (10%)	
Necrosis			1 (10%)	
Necrosis, Focal				1 (10%)
Hepatocyte, Cytoplasmic Alteration		7 (70%)	10 (100%)	10 (100%)
Hepatocyte, Hypertrophy			2 (20%)	8 (80%)
Pancreas	(10)	(10)	(10)	(10)
Inflammation, Chronic	1 (10%)		1 (10%)	
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)

CARDIOVASCULAR SYSTEM

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Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(10)
Infiltration Cellular, Mixed Cell				1 (10%)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(10)
Thyroid Gland	(10)	(10)	(10)	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(9)	(0)	(0)	(10)
Ovary	(10)	(10)	(10)	(10)
Cyst		1 (10%)		
Hematocyst		1 (10%)		
Uterus	(10)	(0)	(0)	(10)
Cyst				1 (10%)
Dilation				2 (20%)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(10)	(10)	(10)

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Thymus	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Infiltration Cellular, Histiocyte	1 (10%)			
Inflammation, Chronic Active	1 (10%)			
Alveolar Epithelium, Hyperplasia				1 (10%)
Alveolar Epithelium, Hypertrophy	1 (10%)			
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM				
Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)

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Kidney	(10)	(10)	(10)	(10)
Nephropathy, Chronic Progressive	5 (50%)	3 (30%)	3 (30%)	6 (60%)
Urinary Bladder	(10)	(0)	(0)	(10)

*** END OF REPORT ***

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