

Experiment Number: 20116 - 02

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

Date Report Requested: 09/06/2016

Test Type: 90-DAY

Aloe vera whole leaf extract (native)

Time Report Requested: 10:42:24

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: 11/09/03 / 11/09/03

Species/Strain: MICE/B6C3F1

Lab: NCTR

NTP Study Number: C20116B
Lock Date: Not Entered.
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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Species/Strain: MICE/B6C3F1

Lab: NCTR

B6C3F1 MICE MALE	CONTROL	1% WLN	2% WLN	3% WLN
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Disposition Summary

Animals Initially In Study	12	12	12	12
Early Deaths				
Survivors				
Terminal Sacrifice	12	12	12	12
Animals Examined Microscopically	12	12	12	12

ALIMENTARY SYSTEM

Esophagus	(12)	(0)	(0)	(12)
Gallbladder	(12)	(0)	(0)	(12)
Intestine Large, Cecum	(12)	(12)	(12)	(12)
Goblet Cell, Hyperplasia		1 [1.0]	5 [1.2]	9 [1.0]
Intestine Large, Colon	(12)	(12)	(12)	(12)
Goblet Cell, Hyperplasia		3 [1.0]	9 [1.4]	11 [1.1]
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				4 [1.0]
Intestine Small, Duodenum	(12)	(0)	(0)	(12)
Intestine Small, Ileum	(12)	(0)	(0)	(12)
Intestine Small, Jejunum	(12)	(0)	(0)	(12)
Liver	(12)	(12)	(12)	(12)
Mixed Cell Focus				1
Tension Lipidosis	1 [1.0]		1 [2.0]	
Pancreas	(12)	(0)	(0)	(12)
Salivary Glands	(12)	(0)	(0)	(12)
Stomach, Forestomach	(12)	(0)	(0)	(12)
Stomach, Glandular	(12)	(0)	(0)	(12)

CARDIOVASCULAR SYSTEM

Blood Vessel	(12)	(0)	(0)	(12)
Heart	(12)	(0)	(0)	(12)

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)

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B6C3F1 MICE MALE	CONTROL	1% WLN	2% WLN	3% WLN
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ENDOCRINE SYSTEM

Adrenal Cortex	(12)	(0)	(0)	(12)
Accessory Adrenal Cortical Nodule	1			
Adrenal Medulla	(11)	(0)	(0)	(11)
Islets, Pancreatic	(12)	(0)	(0)	(12)
Parathyroid Gland	(10)	(0)	(0)	(11)
Pituitary Gland	(12)	(0)	(0)	(12)
Thyroid Gland	(12)	(0)	(0)	(12)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(12)	(0)	(0)	(12)
Preputial Gland	(12)	(4)	(6)	(12)
Duct, Dilatation	7 [3.0]	4 [2.3]	6 [2.8]	
Prostate	(12)	(0)	(0)	(12)
Seminal Vesicle	(12)	(0)	(0)	(12)
Testes	(12)	(0)	(0)	(12)

HEMATOPOIETIC SYSTEM

Bone Marrow	(12)	(0)	(0)	(12)
Lymph Node, Mandibular	(12)	(0)	(0)	(12)
Lymph Node, Mesenteric	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid	4 [2.0]			7 [2.0]
Spleen	(12)	(12)	(12)	(12)
Hematopoietic Cell Proliferation	4 [1.5]	2 [2.0]	2 [2.5]	4 [1.5]
Hyperplasia, Lymphoid		1 [2.0]	1 [2.0]	
Thymus	(12)	(0)	(0)	(12)

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Lab: NCTR

B6C3F1 MICE MALE	CONTROL	1% WLN	2% WLN	3% WLN
INTEGUMENTARY SYSTEM				
Skin	(12)	(0)	(0)	(12)
Epidermis, Inflammation, Suppurative	1 [1.0]			
MUSCULOSKELETAL SYSTEM				
Bone, Femur	(12)	(0)	(0)	(12)
NERVOUS SYSTEM				
Brain, Brain Stem	(12)	(0)	(0)	(12)
Brain, Cerebellum	(12)	(0)	(0)	(12)
Brain, Cerebrum	(12)	(0)	(0)	(12)
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(0)	(12)
Nose	(12)	(0)	(0)	(12)
Trachea	(12)	(0)	(0)	(12)
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(0)	(12)
Harderian Gland	(12)	(0)	(0)	(12)
URINARY SYSTEM				
Kidney	(12)	(12)	(12)	(12)
Infiltration Cellular, Lymphoid		1 [1.0]	1 [1.0]	
Urinary Bladder	(12)	(0)	(0)	(12)

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

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Lab: NCTR

B6C3F1 MICE MALE	CONTROL	1% WLN	2% WLN	3% WLN
Dilatation	2 [4.0]			2 [4.0]

*** END OF MALE ***

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Species/Strain: MICE/B6C3F1

Lab: NCTR

B6C3F1 MICE FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
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Disposition Summary

Animals Initially In Study	12	12	12	12
Early Deaths				
Survivors				
Terminal Sacrifice	12	12	12	12
Animals Examined Microscopically	12	12	11	12

ALIMENTARY SYSTEM

Esophagus	(12)	(0)	(0)	(12)
Gallbladder	(11)	(0)	(0)	(12)
Intestine Large, Cecum	(12)	(12)	(11)	(12)
Goblet Cell, Hyperplasia				1 [1.0]
Intestine Large, Colon	(12)	(12)	(11)	(12)
Goblet Cell, Hyperplasia			4 [1.0]	7 [1.1]
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				5 [1.0]
Intestine Small, Duodenum	(12)	(0)	(0)	(12)
Intestine Small, Ileum	(12)	(0)	(0)	(12)
Intestine Small, Jejunum	(12)	(0)	(0)	(12)
Liver	(12)	(12)	(11)	(12)
Tension Lipidosis			1 [1.0]	
Pancreas	(12)	(0)	(0)	(12)
Salivary Glands	(12)	(0)	(0)	(12)
Infiltration Cellular, Lymphoid	1 [2.0]			
Stomach, Forestomach	(12)	(0)	(0)	(12)
Stomach, Glandular	(11)	(0)	(0)	(12)

CARDIOVASCULAR SYSTEM

Blood Vessel	(12)	(0)	(0)	(12)
Heart	(12)	(0)	(0)	(12)

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ENDOCRINE SYSTEM				
Adrenal Cortex	(12)	(1)	(0)	(12)
Adrenal Medulla	(11)	(0)	(0)	(11)
Islets, Pancreatic	(12)	(0)	(0)	(12)
Parathyroid Gland	(10)	(0)	(0)	(10)
Pituitary Gland	(12)	(0)	(0)	(11)
Thyroid Gland	(12)	(0)	(0)	(11)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Clitoral Gland	(10)	(0)	(0)	(12)
Ovary	(12)	(0)	(1)	(12)
Cyst			1 [2.0]	
Uterus	(12)	(0)	(0)	(12)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(12)	(0)	(0)	(12)
Lymph Node, Mandibular	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid	1 [2.0]			
Lymph Node, Mesenteric	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid				2 [1.5]
Spleen	(12)	(12)	(11)	(12)
Hematopoietic Cell Proliferation	3 [1.7]	3 [1.7]	3 [1.7]	1 [2.0]
Hyperplasia, Lymphoid	2 [1.0]	1 [2.0]		
Thymus	(12)	(0)	(0)	(11)

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B6C3F1 MICE FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
INTEGUMENTARY SYSTEM				
Mammary Gland	(12)	(0)	(0)	(12)
Skin	(12)	(0)	(0)	(12)
MUSCULOSKELETAL SYSTEM				
Bone, Femur	(12)	(0)	(0)	(12)
NERVOUS SYSTEM				
Brain, Brain Stem	(12)	(0)	(0)	(12)
Brain, Cerebellum	(12)	(0)	(0)	(12)
Brain, Cerebrum	(12)	(0)	(0)	(12)
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(0)	(12)
Nose	(12)	(0)	(0)	(12)
Trachea	(12)	(0)	(0)	(12)
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(0)	(12)
Harderian Gland	(12)	(0)	(0)	(12)
URINARY SYSTEM				
Kidney	(12)	(12)	(11)	(12)
Infiltration Cellular, Lymphoid	1 [1.0]	2 [1.0]	1 [1.0]	
Urinary Bladder	(12)	(0)	(0)	(12)

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B6C3F1 MICE FEMALE

CONTROL

1% WLN

2% WLN

3% WLN

*** 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)