

Experiment Number: 20116-02
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

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

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:46:40

First Dose M/F: NA / NA

Lab: NCTR

C Number: C20116B
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE

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B6C3F1 Mouse MALE	CONTROL	1% WLN	2% WLN	3% WLN
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 (8%)	5 (42%)	9 (75%)
Intestine Large, Colon	(12)	(12)	(12)	(12)
Goblet Cell, Hyperplasia		3 (25%)	9 (75%)	11 (92%)
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				4 (36%)
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 (8%)
Tension Lipidosis	1 (8%)		1 (8%)	
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

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B6C3F1 Mouse MALE	CONTROL	1% WLN	2% WLN	3% WLN
ENDOCRINE SYSTEM				
Adrenal Cortex	(12)	(0)	(0)	(12)
Accessory Adrenal Cortical Nodule	1 (8%)			
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 (58%)	4 (100%)	6 (100%)	
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 (33%)			7 (58%)
Spleen	(12)	(12)	(12)	(12)
Hematopoietic Cell Proliferation	4 (33%)	2 (17%)	2 (17%)	4 (33%)
Hyperplasia, Lymphoid		1 (8%)	1 (8%)	
Thymus	(12)	(0)	(0)	(12)
INTEGUMENTARY SYSTEM				
Skin	(12)	(0)	(0)	(12)

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

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B6C3F1 Mouse MALE	CONTROL	1% WLN	2% WLN	3% WLN
Epidermis, Inflammation, Suppurative	1 (8%)			
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 (8%)	1 (8%)	
Urinary Bladder	(12)	(0)	(0)	(12)
Dilatation	2 (17%)			2 (17%)

END OF MALE DATA

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B6C3F1 Mouse FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
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 (8%)
Intestine Large, Colon	(12)	(12)	(11)	(12)
Goblet Cell, Hyperplasia			4 (36%)	7 (58%)
Intestine Large, Rectum	(12)	(0)	(0)	(11)
Goblet Cell, Hyperplasia				5 (45%)
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 (9%)	
Pancreas	(12)	(0)	(0)	(12)
Salivary Glands	(12)	(0)	(0)	(12)
Infiltration Cellular, Lymphoid	1 (8%)			
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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B6C3F1 Mouse FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
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 (100%)	
Uterus	(12)	(0)	(0)	(12)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(12)	(0)	(0)	(12)
Lymph Node, Mandibular	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid	1 (8%)			
Lymph Node, Mesenteric	(12)	(0)	(0)	(12)
Hyperplasia, Lymphoid				2 (17%)
Spleen	(12)	(12)	(11)	(12)
Hematopoietic Cell Proliferation	3 (25%)	3 (25%)	3 (27%)	1 (8%)
Hyperplasia, Lymphoid	2 (17%)	1 (8%)		
Thymus	(12)	(0)	(0)	(11)
INTEGUMENTARY SYSTEM				
Mammary Gland	(12)	(0)	(0)	(12)
Skin	(12)	(0)	(0)	(12)

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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 (8%)	2 (17%)	1 (9%)	
Urinary Bladder	(12)	(0)	(0)	(12)

**** END OF REPORT ****