

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
Time Report Requested: 13:04:22
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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First Dose M/F: NA / NA

Lab: NCTR

F 344/N Rat MALE	CONTROL	1% WLN	2% WLN	3% WLN
Disposition Summary				
Animals Initially In Study	12	11	12	12
Early Deaths				
Moribund Sacrifice			2	5
Survivors				
Terminal Sacrifice	12	11	10	7
Animals Examined Microscopically	12	11	12	12
ALIMENTARY SYSTEM				
Esophagus	(12)	(0)	(12)	(12)
Intestine Large, Cecum	(12)	(11)	(12)	(12)
Intestine Large, Colon	(12)	(11)	(12)	(12)
Intestine Large, Rectum	(10)	(0)	(11)	(11)
Intestine Small, Duodenum	(12)	(0)	(12)	(12)
Intestine Small, Ileum	(12)	(0)	(12)	(12)
Intestine Small, Jejunum	(12)	(0)	(12)	(12)
Liver	(12)	(11)	(12)	(12)
Pancreas	(12)	(0)	(12)	(12)
Salivary Glands	(12)	(0)	(12)	(12)
Stomach, Forestomach	(12)	(0)	(12)	(12)
Stomach, Glandular	(12)	(0)	(12)	(12)
CARDIOVASCULAR SYSTEM				
Blood Vessel	(12)	(0)	(12)	(12)
Heart	(12)	(0)	(12)	(12)
ENDOCRINE SYSTEM				
Adrenal Cortex	(12)	(0)	(11)	(12)
Adrenal Medulla	(11)	(0)	(10)	(11)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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F 344/N Rat MALE	CONTROL	1% WLN	2% WLN	3% WLN
Islets, Pancreatic	(12)	(0)	(12)	(12)
Parathyroid Gland	(12)	(0)	(12)	(12)
Pituitary Gland	(9)	(0)	(12)	(10)
Thyroid Gland	(12)	(0)	(12)	(12)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Coagulating Gland	(0)	(0)	(0)	(3)
Epididymis	(12)	(0)	(12)	(12)
Preputial Gland	(12)	(0)	(12)	(12)
Prostate	(12)	(0)	(12)	(12)
Seminal Vesicle	(12)	(0)	(12)	(12)
Testes	(12)	(0)	(12)	(12)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(12)	(0)	(12)	(12)
Lymph Node	(0)	(0)	(0)	(1)
Lymph Node, Mandibular	(12)	(0)	(12)	(12)
Lymph Node, Mesenteric	(12)	(3)	(11)	(12)
Spleen	(12)	(11)	(12)	(12)
Thymus	(12)	(0)	(11)	(12)
INTEGUMENTARY SYSTEM				
Mammary Gland	(12)	(0)	(8)	(11)
Skin	(12)	(0)	(12)	(12)
MUSCULOSKELETAL SYSTEM				
Bone, Femur	(12)	(0)	(12)	(12)
NERVOUS SYSTEM				

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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F 344/N Rat MALE	CONTROL	1% WLN	2% WLN	3% WLN
Brain, Brain Stem	(12)	(0)	(12)	(12)
Brain, Cerebellum	(12)	(0)	(12)	(12)
Brain, Cerebrum	(12)	(0)	(12)	(12)
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(12)	(12)
Nose	(12)	(0)	(12)	(12)
Trachea	(12)	(0)	(12)	(12)
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(12)	(12)
Harderian Gland	(12)	(0)	(12)	(12)
URINARY SYSTEM				
Kidney	(12)	(11)	(12)	(12)
Urinary Bladder	(12)	(0)	(12)	(12)

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

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Lab: NCTR

F 344/N Rat MALE

CONTROL

1% WLN

2% WLN

3% WLN

Tumor Summary for MALE

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

**Total Animals with Malignant Neoplasms
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -
Benign or Malignant**

Total Uncertain Neoplasms

END OF MALE DATA

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: NCTR

F 344/N Rat FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
Disposition Summary				
Animals Initially In Study	12	12	12	12
Early Deaths				
Moribund Sacrifice			4	7
Natural Death				1
Survivors				
Terminal Sacrifice	12	12	8	4
Animals Examined Microscopically	12	12	12	11
ALIMENTARY SYSTEM				
Esophagus	(12)	(0)	(11)	(11)
Intestine Large, Cecum	(12)	(12)	(12)	(11)
Intestine Large, Colon	(12)	(12)	(12)	(11)
Intestine Large, Rectum	(11)	(0)	(12)	(11)
Intestine Small, Duodenum	(12)	(0)	(12)	(11)
Intestine Small, Ileum	(12)	(0)	(12)	(11)
Intestine Small, Jejunum	(12)	(0)	(12)	(11)
Liver	(12)	(12)	(12)	(11)
Pancreas	(12)	(0)	(12)	(11)
Salivary Glands	(12)	(0)	(12)	(11)
Stomach, Forestomach	(12)	(0)	(12)	(11)
Stomach, Glandular	(12)	(0)	(12)	(11)
CARDIOVASCULAR SYSTEM				
Blood Vessel	(12)	(0)	(12)	(11)
Heart	(12)	(0)	(12)	(11)
ENDOCRINE SYSTEM				
Adrenal Cortex	(12)	(0)	(12)	(11)

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

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Lab: NCTR

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Adrenal Medulla	(12)	(0)	(12)	(10)
Islets, Pancreatic	(12)	(0)	(12)	(11)
Parathyroid Gland	(11)	(0)	(10)	(11)
Pituitary Gland	(12)	(0)	(11)	(10)
Thyroid Gland	(12)	(0)	(11)	(11)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Clitoral Gland	(12)	(0)	(12)	(11)
Ovary	(12)	(0)	(12)	(11)
Uterus	(12)	(2)	(12)	(11)
Vagina	(0)	(0)	(0)	(1)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(12)	(0)	(12)	(11)
Lymph Node	(0)	(0)	(1)	(0)
Lymph Node, Mandibular	(12)	(0)	(12)	(11)
Lymph Node, Mesenteric	(12)	(4)	(12)	(10)
Spleen	(12)	(12)	(12)	(11)
Thymus	(12)	(0)	(12)	(10)
INTEGUMENTARY SYSTEM				
Mammary Gland	(12)	(0)	(12)	(8)
Skin	(12)	(0)	(12)	(11)
MUSCULOSKELETAL SYSTEM				
Bone, Femur	(12)	(0)	(12)	(11)
NERVOUS SYSTEM				
Brain, Brain Stem	(12)	(0)	(12)	(11)

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

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F 344/N Rat FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
Brain, Cerebellum	(12)	(0)	(12)	(11)
Brain, Cerebrum	(12)	(0)	(12)	(11)
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(12)	(11)
Nose	(12)	(0)	(12)	(11)
Trachea	(12)	(0)	(11)	(11)
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(12)	(11)
Harderian Gland	(12)	(0)	(12)	(11)
URINARY SYSTEM				
Kidney	(12)	(12)	(12)	(11)
Urinary Bladder	(12)	(0)	(12)	(11)

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F 344/N Rat FEMALE

CONTROL

1% WLN

2% WLN

3% WLN

Tumor Summary for FEMALE

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

**Total Animals with Malignant Neoplasms
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -
Benign or Malignant**

Total Uncertain Neoplasms

**** END OF REPORT ****

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically