

Experiment Number: 99920-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:58:31
First Dose M/F: NA / NA
Lab: NCTR

C Number: MG96006
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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CD Rat MALE	F4	CONTROL	F4/2PPB TO CTRL	F4/10PPB TO CTRL	F4/50PPB TO CTRL
Disposition Summary					
Animals Initially In Study		25	25	26	25
Early Deaths					
Moribund Sacrifice				1	
Survivors					
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		25	25	26	25
ALIMENTARY SYSTEM					
Esophagus		(0)	(0)	(1)	(0)
Liver		(25)	(1)	(2)	(25)
Pancreas		(0)	(0)	(1)	(0)
CARDIOVASCULAR SYSTEM					
Blood Vessel		(0)	(0)	(1)	(0)
Heart		(0)	(0)	(1)	(0)
ENDOCRINE SYSTEM					
Adrenal Cortex		(25)	(0)	(1)	(25)
Adrenal Medulla		(25)	(0)	(1)	(25)
Pituitary Gland		(25)	(0)	(2)	(25)
Thyroid Gland		(25)	(0)	(0)	(25)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Coagulating Gland		(25)	(25)	(26)	(24)
Epididymis		(25)	(25)	(26)	(25)
Preputial Gland		(0)	(2)	(1)	(0)
Prostate, Dorsal/Lateral Lobe		(6)	(7)	(10)	(6)

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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Prostate, Dorsal/lateral Lobe	(19)	(18)	(16)	(19)	
Prostate, Ventral Lobe	(25)	(25)	(26)	(25)	
Rete Testes	(25)	(24)	(26)	(25)	
Seminal Vesicle	(25)	(25)	(26)	(25)	
Testes	(25)	(25)	(26)	(25)	
HEMATOPOIETIC SYSTEM					
Bone Marrow	(25)	(0)	(1)	(25)	
Spleen	(25)	(0)	(1)	(25)	
Thymus	(25)	(0)	(1)	(25)	
INTEGUMENTARY SYSTEM					
Mammary Gland	(25)	(25)	(25)	(25)	
Skin	(0)	(0)	(1)	(0)	
MUSCULOSKELETAL SYSTEM					
Bone	(25)	(0)	(1)	(25)	
NERVOUS SYSTEM					
Brain	(0)	(0)	(1)	(0)	
Spinal Cord	(0)	(0)	(1)	(0)	
RESPIRATORY SYSTEM					
Lung	(0)	(0)	(1)	(0)	
Trachea	(0)	(0)	(1)	(0)	
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(25)	(0)	(1)	(25)	
Urinary Bladder	(0)	(0)	(1)	(0)	

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CD Rat MALE

F4

CONTROL

F4/2PPB TO CTRL

F4/10PPB TO CTRL

F4/50PPB TO CTRL

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CD Rat MALE	F4	CONTROL	F4/2PPB TO CTRL	F4/10PPB TO CTRL	F4/50PPB TO CTRL
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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

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CD Rat FEMALE	F4	CONTROL	F4/2PPB TO CTRL	F4/10PPB TO CTRL	F4/50PPB TO CTRL
Disposition Summary					
Animals Initially In Study		25	25	26	25
Early Deaths					
Natural Death				1	
Survivors					
Terminal Sacrifice		25	25	25	25
Animals Examined Microscopically		25	25	26	25
ALIMENTARY SYSTEM					
Esophagus		(0)	(0)	(1)	(0)
Liver		(25)	(0)	(1)	(25)
Lymphoma Malignant				1 (100%)	
Pancreas		(0)	(0)	(1)	(0)
Lymphoma Malignant				1 (100%)	
CARDIOVASCULAR SYSTEM					
Blood Vessel		(0)	(0)	(1)	(0)
Heart		(0)	(0)	(1)	(0)
ENDOCRINE SYSTEM					
Adrenal Cortex		(25)	(0)	(2)	(25)
Adrenal Medulla		(25)	(0)	(2)	(25)
Pituitary Gland		(25)	(0)	(1)	(25)
Thyroid Gland		(25)	(0)	(1)	(25)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Clitoral Gland		(3)	(0)	(0)	(0)
Ovary		(25)	(25)	(26)	(25)

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Oviduct	(25)	(25)	(25)	(26)	(25)
Uterus	(25)	(25)	(25)	(26)	(25)
Vagina	(25)	(25)	(25)	(26)	(25)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(25)	(0)	(0)	(1)	(25)
Lymphoma Malignant				1 (100%)	
Lymph Node	(0)	(0)	(0)	(1)	(0)
Axillary, Lymphoma Malignant				1 (100%)	
Lymph Node, Mandibular	(0)	(0)	(0)	(1)	(0)
Lymphoma Malignant				1 (100%)	
Spleen	(25)	(0)	(0)	(2)	(25)
Lymphoma Malignant				1 (50%)	
Thymus	(25)	(0)	(0)	(1)	(25)
Lymphoma Malignant				1 (100%)	
INTEGUMENTARY SYSTEM					
Mammary Gland	(25)	(25)	(25)	(26)	(25)
Skin	(0)	(0)	(0)	(1)	(0)
MUSCULOSKELETAL SYSTEM					
Bone	(25)	(0)	(0)	(1)	(25)
NERVOUS SYSTEM					
Brain	(0)	(0)	(0)	(1)	(0)
RESPIRATORY SYSTEM					
Lung	(0)	(0)	(0)	(1)	(0)
Lymphoma Malignant				1 (100%)	
Trachea	(0)	(0)	(0)	(1)	(0)
SPECIAL SENSES SYSTEM					

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None					
URINARY SYSTEM					
Kidney		(25)	(25)	(26)	(25)
Lymphoma Malignant				1 (4%)	
SYSTEMIC LESIONS					
Multiple Organ		*(25)	*(25)	*(26)	*(25)
Lymphoma Malignant				1 (4%)	

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Tumor Summary for FEMALE					
Total Animals with Primary Neoplasms (b)				1	
Total Primary Neoplasms				1	
Total Animals with Benign Neoplasms					
Total Benign Neoplasms					
Total Animals with Malignant Neoplasms				1	
Total Malignant Neoplasms				1	
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 ****

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b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically