

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

**Test Compound:** Endocrine disruptor (Genistein)

**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 03:13:51

**First Dose M/F:** NA / NA

**Lab:** NCTR

<b>C Number:</b>	MG96005
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat MALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	25	25	25	25	26	25
Early Deaths						
Survivors						
Natural Death	1					
Terminal Sacrifice	24	25	25	25	26	25
Animals Examined Microscopically	25	25	25	25	26	25
<b>ALIMENTARY SYSTEM</b>						
Liver	(24)	(6)	(0)	(25)	(26)	(0)
Lymphoma Malignant				1 (4%)		
Mesentery	(0)	(0)	(0)	(1)	(0)	(0)
Salivary Glands	(1)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(1)	(0)	(0)	(0)	(0)	(0)
Heart	(1)	(0)	(0)	(0)	(0)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(23)	(0)	(0)	(25)	(26)	(0)
Adrenal Medulla	(22)	(0)	(0)	(25)	(26)	(0)
Parathyroid Gland	(1)	(0)	(1)	(0)	(0)	(0)
Pituitary Gland	(24)	(0)	(0)	(25)	(26)	(0)
Thyroid Gland	(24)	(0)	(0)	(25)	(26)	(0)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Coagulating Gland	(23)	(24)	(22)	(25)	(26)	(25)
Ductus Deferens	(0)	(0)	(0)	(0)	(0)	(0)

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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**Lab:** NCTR

CD Rat MALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
Epididymis	(24)	(25)	(25)	(25)	(26)	(25)
Penis	(0)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(0)	(0)	(0)	(1)	(0)	(0)
Prostate	(2)	(5)	(4)	(4)	(3)	(8)
Prostate, Dorsal Lobe	(23)	(25)	(25)	(25)	(26)	(25)
Prostate, Ventral Lobe	(23)	(25)	(25)	(25)	(26)	(25)
Rete Testes	(24)	(25)	(24)	(25)	(26)	(25)
Seminal Vesicle	(24)	(23)	(25)	(24)	(26)	(25)
Testes	(25)	(25)	(25)	(25)	(26)	(25)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(24)	(0)	(0)	(25)	(26)	(0)
Spleen	(24)	(0)	(0)	(25)	(26)	(0)
Lymphoma Malignant				1 (4%)		
Thymus	(24)	(0)	(0)	(23)	(26)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(23)	(24)	(23)	(24)	(26)	(24)
Skin	(25)	(0)	(0)	(25)	(26)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone, Femur	(25)	(0)	(0)	(25)	(26)	(0)
Bone, Vertebra	(0)	(0)	(0)	(0)	(0)	(0)
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
None						

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**Lab:** NCTR

CD Rat MALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
URINARY SYSTEM						
Kidney	(24)	(0)	(1)	(25)	(26)	(25)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
SYSTEMIC LESIONS						
Multiple Organ	*(25)	*(25)	*(25)	*(25)	*(26)	*(25)
Lymphoma Malignant				1 (4%)		

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

b - Primary tumors: all tumors except metastatic tumors

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 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat MALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	25	25	25	25	25	25
Early Deaths						
Survivors						
Natural Death						
Terminal Sacrifice	25	25	25	25	25	25
Animals Examined Microscopically	25	25	25	25	25	25
<b>ALIMENTARY SYSTEM</b>						
Liver	(0)	(25)	(25)	(0)	(0)	(25)
Lymphoma Malignant						
Mesentery	(0)	(0)	(0)	(0)	(0)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(24)	(25)	(0)	(0)	(25)
Adrenal Medulla	(0)	(24)	(25)	(0)	(0)	(25)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Pituitary Gland	(0)	(25)	(25)	(0)	(0)	(25)
Thyroid Gland	(0)	(25)	(25)	(0)	(0)	(25)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Coagulating Gland	(25)	(25)	(24)	(25)	(24)	(24)
Ductus Deferens	(0)	(0)	(0)	(0)	(0)	(0)

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

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\* Number of animals with any tissue examined microscopically

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CD Rat MALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
Epididymis	(25)	(25)	(25)	(25)	(25)	(25)
Penis	(0)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(0)	(1)	(0)	(0)	(0)	(0)
Prostate	(5)	(3)	(5)	(9)	(5)	(6)
Prostate, Dorsal Lobe	(25)	(24)	(25)	(25)	(25)	(25)
Prostate, Ventral Lobe	(25)	(24)	(25)	(25)	(25)	(25)
Rete Testes	(23)	(25)	(25)	(22)	(25)	(20)
Seminal Vesicle	(25)	(25)	(25)	(25)	(25)	(25)
Testes	(25)	(25)	(25)	(25)	(25)	(24)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(0)	(25)	(25)	(0)	(0)	(25)
Spleen	(0)	(25)	(25)	(0)	(0)	(25)
Lymphoma Malignant						
Thymus	(0)	(25)	(25)	(0)	(1)	(25)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(25)	(25)	(24)	(25)	(25)	(25)
Skin	(0)	(25)	(25)	(0)	(0)	(25)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone, Femur	(0)	(25)	(25)	(0)	(0)	(25)
Bone, Vertebra	(0)	(0)	(0)	(0)	(0)	(0)
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
None						

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

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**Lab:** NCTR

CD Rat MALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
URINARY SYSTEM						
Kidney	(25)	(25)	(25)	(25)	(25)	(25)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(1)
SYSTEMIC LESIONS						
Multiple Organ	*(25)	*(25)	*(25)	*(25)	*(25)	*(25)
Lymphoma Malignant						

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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 Lab: NCTR

CD Rat MALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
<b>Disposition Summary</b>						
Animals Initially In Study	25	25	25	25	25	25
Early Deaths						
Survivors						
Natural Death						
Terminal Sacrifice	25	25	25	25	25	25
Animals Examined Microscopically	25	25	25	25	25	25
<b>ALIMENTARY SYSTEM</b>						
Liver	(25)	(0)	(0)	(24)	(25)	(0)
Lymphoma Malignant						
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(1)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(25)	(0)	(0)	(25)	(25)	(0)
Adrenal Medulla	(25)	(0)	(0)	(25)	(25)	(0)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Pituitary Gland	(25)	(0)	(0)	(25)	(25)	(0)
Thyroid Gland	(25)	(0)	(0)	(25)	(25)	(0)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Coagulating Gland	(25)	(25)	(25)	(25)	(25)	(25)
Ductus Deferens	(0)	(1)	(0)	(0)	(0)	(0)

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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**Lab:** NCTR

CD Rat MALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
Epididymis	(25)	(25)	(25)	(25)	(25)	(25)
Penis	(0)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(0)	(0)	(0)	(0)	(0)	(0)
Prostate	(3)	(5)	(3)	(5)	(3)	(7)
Prostate, Dorsal Lobe	(25)	(25)	(25)	(25)	(25)	(25)
Prostate, Ventral Lobe	(25)	(25)	(25)	(25)	(25)	(25)
Rete Testes	(24)	(25)	(25)	(24)	(25)	(20)
Seminal Vesicle	(25)	(25)	(25)	(25)	(25)	(25)
Testes	(25)	(24)	(25)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(25)	(0)	(0)	(25)	(25)	(0)
Spleen	(25)	(0)	(0)	(25)	(25)	(0)
Lymphoma Malignant						
Thymus	(25)	(0)	(0)	(25)	(25)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(24)	(25)	(25)	(23)	(25)	(25)
Skin	(24)	(0)	(0)	(25)	(25)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone, Femur	(25)	(0)	(0)	(25)	(25)	(0)
Bone, Vertebra	(0)	(1)	(0)	(0)	(0)	(0)
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
None						

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

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\* Number of animals with any tissue examined microscopically

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CD Rat MALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
URINARY SYSTEM						
Kidney	(25)	(1)	(0)	(25)	(25)	(0)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
SYSTEMIC LESIONS						
Multiple Organ	*(25)	*(25)	*(25)	*(25)	*(25)	*(25)
Lymphoma Malignant						

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

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CD Rat MALE	F4/100PPM TO CTL	F4/500PPM TO CTL
<b>Disposition Summary</b>		
<b>Animals Initially In Study</b>	<b>25</b>	<b>25</b>
<b>Early Deaths</b>		
<b>Survivors</b>		
<b>Natural Death</b>		
<b>Terminal Sacrifice</b>	<b>25</b>	<b>25</b>
<b>Animals Examined Microscopically</b>	<b>25</b>	<b>25</b>
<b>ALIMENTARY SYSTEM</b>		
Liver	(0)	(25)
Lymphoma Malignant		
Mesentery	(0)	(0)
Salivary Glands	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>		
Blood Vessel	(0)	(0)
Heart	(0)	(0)
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(0)	(25)
Adrenal Medulla	(0)	(25)
Parathyroid Gland	(0)	(0)
Pituitary Gland	(0)	(25)
Thyroid Gland	(0)	(25)
<b>GENERAL BODY SYSTEM</b>		
None		
<b>GENITAL SYSTEM</b>		
Coagulating Gland	(25)	(25)
Ductus Deferens	(0)	(0)

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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CD Rat MALE	F4/100PPM TO CTL	F4/500PPM TO CTL
Epididymis	(25)	(25)
Penis	(1)	(0)
Preputial Gland	(0)	(0)
Prostate	(1)	(1)
Prostate, Dorsal Lobe	(25)	(25)
Prostate, Ventral Lobe	(25)	(25)
Rete Testes	(24)	(22)
Seminal Vesicle	(24)	(25)
Testes	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>		
Bone Marrow	(0)	(25)
Spleen	(0)	(25)
Lymphoma Malignant		
Thymus	(0)	(25)
<b>INTEGUMENTARY SYSTEM</b>		
Mammary Gland	(25)	(24)
Skin	(0)	(23)
<b>MUSCULOSKELETAL SYSTEM</b>		
Bone, Femur	(0)	(25)
Bone, Vertebra	(0)	(0)
<b>NERVOUS SYSTEM</b>		
None		
<b>RESPIRATORY SYSTEM</b>		
Nose	(0)	(1)
<b>SPECIAL SENSES SYSTEM</b>		
None		

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

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**Lab:** NCTR

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CD Rat MALE	F4/100PPM TO CTL	F4/500PPM TO CTL
<hr/>		
URINARY SYSTEM		
Kidney	(0)	(25)
Urinary Bladder	(0)	(0)
<hr/>		
SYSTEMIC LESIONS		
Multiple Organ	*(25)	*(25)
Lymphoma Malignant		

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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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CD Rat MALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
<b>Tumor Summary for MALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>				1		
<b>Total Primary Neoplasms</b>				1		
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>				1		
<b>Total Malignant Neoplasms</b>				1		
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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

b - Primary tumors: all tumors except metastatic tumors

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**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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CD Rat MALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
<b>Tumor Summary for MALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						
<b>Total Primary Neoplasms</b>						
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>						
<b>Total Malignant Neoplasms</b>						
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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CD Rat MALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
<b>Tumor Summary for MALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						
<b>Total Primary Neoplasms</b>						
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>						
<b>Total Malignant Neoplasms</b>						
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

---

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



**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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**CD Rat MALE**

**F4/100PPM TO CTL**

**F4/500PPM TO CTL**

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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**

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\*\*\*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

Experiment Number: 99930-91  
 Test Type: MULTIGEN CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/23/2014  
 Time Report Requested: 03:13:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat FEMALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	26	25	26	25	25	25
Early Deaths						
Survivors						
Moribund	1		1			
Natural Death					1	
Terminal Sacrifice	25	25	25	25	24	25
Animals Examined Microscopically	26	25	26	25	25	25
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(1)	(0)	(1)	(0)	(0)	(0)
Intestine Large, Cecum	(1)	(0)	(1)	(0)	(0)	(0)
Intestine Large, Colon	(1)	(0)	(1)	(0)	(0)	(0)
Intestine Small, Duodenum	(1)	(0)	(1)	(0)	(0)	(0)
Intestine Small, Ileum	(1)	(0)	(1)	(0)	(0)	(0)
Intestine Small, Jejunum	(1)	(0)	(1)	(0)	(0)	(0)
Liver	(26)	(1)	(1)	(25)	(25)	(1)
Pancreas	(1)	(0)	(1)	(0)	(0)	(0)
Salivary Glands	(1)	(0)	(1)	(0)	(1)	(0)
Stomach, Forestomach	(1)	(0)	(1)	(0)	(1)	(0)
Stomach, Glandular	(1)	(0)	(1)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(1)	(0)	(1)	(0)	(1)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(26)	(0)	(1)	(25)	(25)	(0)
Adenoma						

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

Experiment Number: 99930-91  
 Test Type: MULTIGEN CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/23/2014  
 Time Report Requested: 03:13:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat FEMALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
Adrenal Medulla	(26)	(0)	(1)	(25)	(25)	(0)
Pituitary Gland	(26)	(0)	(1)	(25)	(25)	(0)
Thyroid Gland	(25)	(0)	(1)	(25)	(25)	(0)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(0)	(1)	(1)	(1)	(0)	(0)
Ovary	(26)	(25)	(26)	(25)	(25)	(25)
Oviduct	(26)	(25)	(26)	(25)	(25)	(25)
Uterus	(26)	(25)	(26)	(25)	(25)	(25)
Vagina	(26)	(25)	(26)	(25)	(25)	(25)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(26)	(0)	(1)	(25)	(25)	(0)
Lymph Node, Mandibular	(1)	(0)	(1)	(0)	(1)	(0)
Lymph Node, Mesenteric	(1)	(0)	(1)	(0)	(1)	(0)
Spleen	(25)	(0)	(1)	(24)	(25)	(0)
Thymus	(26)	(0)	(1)	(25)	(25)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(25)	(25)	(26)	(25)	(24)	(23)
Skin	(26)	(0)	(2)	(25)	(25)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(1)	(0)	(0)	(0)	(0)	(0)
Bone, Femur	(26)	(0)	(1)	(25)	(25)	(0)
<b>NERVOUS SYSTEM</b>						
Brain	(0)	(0)	(0)	(0)	(0)	(0)
Brain, Brain Stem	(1)	(0)	(1)	(0)	(1)	(0)

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
Brain, Cerebellum	(1)	(0)	(1)	(0)	(1)	(0)
Brain, Cerebrum	(1)	(0)	(1)	(0)	(1)	(0)
RESPIRATORY SYSTEM						
Lung	(1)	(0)	(1)	(0)	(1)	(0)
Nose	(1)	(0)	(1)	(0)	(1)	(0)
Trachea	(0)	(0)	(1)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM						
Eye	(1)	(0)	(0)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(26)	(25)	(26)	(25)	(25)	(25)
Adenoma, Tubular						
Nephroblastoma						1 (4%)
Urinary Bladder	(0)	(0)	(1)	(0)	(0)	(0)

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

Experiment Number: 99930-91  
 Test Type: MULTIGEN CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/23/2014  
 Time Report Requested: 03:13:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat FEMALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	25	25	25	25	25	25
Early Deaths						
Survivors						
Moribund						
Natural Death						
Terminal Sacrifice	25	25	25	25	25	25
Animals Examined Microscopically	25	25	25	25	25	25
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(0)	(25)	(25)	(2)	(0)	(25)
Pancreas	(0)	(0)	(1)	(0)	(0)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(25)	(25)	(0)	(0)	(25)
Adenoma						1 (4%)

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
Adrenal Medulla	(0)	(25)	(25)	(0)	(0)	(25)
Pituitary Gland	(0)	(25)	(25)	(0)	(0)	(25)
Thyroid Gland	(0)	(25)	(25)	(0)	(0)	(25)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(0)	(0)	(0)	(0)	(0)	(0)
Ovary	(25)	(25)	(25)	(25)	(25)	(25)
Oviduct	(25)	(25)	(25)	(25)	(25)	(25)
Uterus	(25)	(25)	(25)	(25)	(25)	(25)
Vagina	(25)	(25)	(24)	(23)	(24)	(23)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(0)	(25)	(25)	(0)	(0)	(25)
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(0)
Spleen	(0)	(25)	(25)	(0)	(0)	(25)
Thymus	(0)	(25)	(25)	(0)	(0)	(25)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(25)	(25)	(24)	(25)	(25)	(25)
Skin	(1)	(25)	(25)	(0)	(0)	(25)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Bone, Femur	(0)	(25)	(25)	(0)	(0)	(25)
<b>NERVOUS SYSTEM</b>						
Brain	(0)	(0)	(0)	(0)	(0)	(0)
Brain, Brain Stem	(0)	(0)	(0)	(0)	(0)	(0)

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
Brain, Cerebellum	(0)	(0)	(0)	(0)	(0)	(0)
Brain, Cerebrum	(0)	(0)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung	(0)	(0)	(0)	(0)	(0)	(0)
Nose	(0)	(0)	(0)	(0)	(0)	(0)
Trachea	(0)	(0)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(24)	(25)	(25)	(25)	(25)	(25)
Adenoma, Tubular						
Nephroblastoma						
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)

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

Experiment Number: 99930-91  
 Test Type: MULTIGEN CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/23/2014  
 Time Report Requested: 03:13:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

CD Rat FEMALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
<b>Disposition Summary</b>						
Animals Initially In Study	25	25	25	25	26	25
Early Deaths						
Survivors						
Moribund						
Natural Death					1	
Terminal Sacrifice	25	25	25	25	25	25
Animals Examined Microscopically	25	25	25	25	26	25
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(1)	(0)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(1)	(0)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(1)	(0)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(1)	(0)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(1)	(0)
Liver	(25)	(2)	(0)	(24)	(26)	(0)
Pancreas	(0)	(0)	(0)	(0)	(1)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(1)	(0)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(1)	(0)
Heart	(0)	(0)	(0)	(0)	(1)	(0)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(25)	(1)	(0)	(25)	(26)	(0)
Adenoma						

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



**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
Adrenal Medulla	(25)	(1)	(0)	(25)	(26)	(0)
Pituitary Gland	(25)	(1)	(0)	(25)	(26)	(0)
Thyroid Gland	(25)	(1)	(0)	(25)	(26)	(0)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(0)	(0)	(0)	(0)	(0)	(0)
Ovary	(25)	(25)	(25)	(25)	(25)	(24)
Oviduct	(25)	(25)	(25)	(25)	(25)	(24)
Uterus	(25)	(25)	(25)	(25)	(26)	(25)
Vagina	(24)	(25)	(25)	(25)	(26)	(25)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(25)	(1)	(0)	(25)	(26)	(0)
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(1)	(0)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(1)	(0)
Spleen	(25)	(1)	(0)	(25)	(26)	(0)
Thymus	(25)	(1)	(0)	(25)	(26)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(25)	(25)	(25)	(25)	(26)	(25)
Skin	(25)	(1)	(0)	(24)	(26)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Bone, Femur	(25)	(1)	(0)	(25)	(26)	(0)
<b>NERVOUS SYSTEM</b>						
Brain	(0)	(0)	(0)	(0)	(1)	(0)
Brain, Brain Stem	(0)	(0)	(0)	(0)	(0)	(0)

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
Brain, Cerebellum	(0)	(0)	(0)	(0)	(0)	(0)
Brain, Cerebrum	(0)	(0)	(0)	(0)	(1)	(0)
<b>RESPIRATORY SYSTEM</b>						
Lung	(0)	(0)	(0)	(0)	(1)	(0)
Nose	(0)	(0)	(0)	(0)	(1)	(0)
Trachea	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(0)	(0)	(0)	(0)	(0)	(0)
<b>URINARY SYSTEM</b>						
Kidney	(25)	(25)	(25)	(25)	(26)	(25)
Adenoma, Tubular	1 (4%)					
Nephroblastoma						
Urinary Bladder	(0)	(0)	(0)	(0)	(1)	(0)

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F4/100PPM TO CTL	F4/500PPM TO CTL
<b>Disposition Summary</b>		
<b>Animals Initially In Study</b>	<b>25</b>	<b>25</b>
<b>Early Deaths</b>		
<b>Survivors</b>		
<b>Moribund</b>		
<b>Natural Death</b>		
<b>Terminal Sacrifice</b>	<b>25</b>	<b>25</b>
<b>Animals Examined Microscopically</b>	<b>25</b>	<b>25</b>
<b>ALIMENTARY SYSTEM</b>		
Esophagus	(0)	(0)
Intestine Large, Cecum	(0)	(0)
Intestine Large, Colon	(0)	(0)
Intestine Small, Duodenum	(0)	(0)
Intestine Small, Ileum	(0)	(0)
Intestine Small, Jejunum	(0)	(0)
Liver	(1)	(25)
Pancreas	(0)	(0)
Salivary Glands	(0)	(0)
Stomach, Forestomach	(0)	(0)
Stomach, Glandular	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>		
Blood Vessel	(0)	(0)
Heart	(0)	(0)
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(0)	(25)
Adenoma		

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

**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 03:13:52  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

CD Rat FEMALE	F4/100PPM TO CTL	F4/500PPM TO CTL
Adrenal Medulla	(0)	(25)
Pituitary Gland	(0)	(25)
Thyroid Gland	(0)	(25)
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Clitoral Gland	(0)	(0)
Ovary	(24)	(25)
Oviduct	(24)	(25)
Uterus	(25)	(25)
Vagina	(25)	(25)
HEMATOPOIETIC SYSTEM		
Bone Marrow	(0)	(25)
Lymph Node, Mandibular	(0)	(0)
Lymph Node, Mesenteric	(0)	(0)
Spleen	(0)	(25)
Thymus	(0)	(25)
INTEGUMENTARY SYSTEM		
Mammary Gland	(25)	(25)
Skin	(0)	(25)
MUSCULOSKELETAL SYSTEM		
Bone	(0)	(0)
Bone, Femur	(0)	(25)
NERVOUS SYSTEM		
Brain	(0)	(0)
Brain, Brain Stem	(0)	(0)

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CD Rat FEMALE	F4/100PPM TO CTL	F4/500PPM TO CTL
Brain, Cerebellum	(0)	(0)
Brain, Cerebrum	(0)	(0)
RESPIRATORY SYSTEM		
Lung	(0)	(0)
Nose	(0)	(0)
Trachea	(0)	(0)
SPECIAL SENSES SYSTEM		
Eye	(0)	(0)
URINARY SYSTEM		
Kidney	(25)	(25)
Adenoma, Tubular		
Nephroblastoma		
Urinary Bladder	(0)	(0)

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**Lab:** NCTR

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CD Rat FEMALE	F0 0 PPM	F0 5 PPM	F0 100 PPM	F0 500 PPM	F1 0 PPM	F1 5 PPM
<b>Tumor Summary for FEMALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						<b>1</b>
<b>Total Primary Neoplasms</b>						<b>1</b>
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>						<b>1</b>
<b>Total Malignant Neoplasms</b>						<b>1</b>
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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

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**Experiment Number:** 99930-91  
**Test Type:** MULTIGEN CHRONIC  
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**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
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**First Dose M/F:** NA / NA  
**Lab:** NCTR

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CD Rat FEMALE	F1 100 PPM	F1 500 PPM	F2 0 PPM	F2 5 PPM	F2 100 PPM	F2 500 PPM
<b>Tumor Summary for FEMALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						<b>1</b>
<b>Total Primary Neoplasms</b>						<b>1</b>
<b>Total Animals with Benign Neoplasms</b>						<b>1</b>
<b>Total Benign Neoplasms</b>						<b>1</b>
<b>Total Animals with Malignant Neoplasms</b>						
<b>Total Malignant Neoplasms</b>						
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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**Lab:** NCTR

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CD Rat FEMALE	F3 0 PPM	F3/5PPM TO CTL	F3/100PPM TO CTL	F3/500PPM TO CTL	F4 0 PPM	F4/5PPM TO CTL
<b>Tumor Summary for FEMALE</b>						
Total Animals with Primary Neoplasms (b)	1					
Total Primary Neoplasms	1					
Total Animals with Benign Neoplasms	1					
Total Benign Neoplasms	1					
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						

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**CD Rat FEMALE**

**F4/100PPM TO CTL**

**F4/500PPM TO CTL**

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**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**

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**\*\* END OF REPORT \*\***

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