

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96005
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

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 533

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Testes			

Note: REGULAR TESTES SECTION IS MISSING

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 534	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 535	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Liver
Mammary Gland	Pituitary Gland	Rete Testes	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 536	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 537	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 538	TRT#: 5	SEX: Male	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Vacuolization Cytoplasmic	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 539	TRT#: 5	SEX: Male	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Vacuolization Cytoplasmic	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 540	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Chronic, Mild
	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Mild
	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 541	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 542	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 543	TRT#: 6	SEX: Male	DAY ON TEST: 160
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Rete Testes	Testes		

OBSERVATIONS

Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild
Seminal Vesicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 544	TRT#: 6	SEX: Male	DAY ON TEST: 160
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Cortex	Cyst	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 545	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Mammary Gland	Seminal Vesicle
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OBSERVATIONS

Epididymis		Hypospermia	Moderate
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Rete Testes		Dilatation	Mild
Testes	Seminif Tub	Degeneration	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 546	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 547	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 548	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland Testes	Epididymis	Rete Testes	Seminal Vesicle
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 549	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

MISSING

Rete Testes

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 550	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 551	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney	Cortex	Cyst	
	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 552	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Rete Testes
Skin	Spleen	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Seminal Vesicle		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 553	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Mammary Gland
Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 554	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 577	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Liver
Mammary Gland	Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Vacuolization Cytoplasmic	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 578	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 579

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Epididymis	Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Skin	Spleen	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 580

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Mammary Gland
Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 581	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 582	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Mammary Gland
Pituitary Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Liver	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 583	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Prostate, Dorsal Lobe	Seminal Vesicle	Testes	

MISSING

Rete Testes

OBSERVATIONS

Pros, Dor Lobe

Note: PATHOLOGIST NOTED: PROSTATE, DORSAL WAS LOCATED ON SLIDE #6A

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 584	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Testes

OBSERVATIONS

Kidney	Casts Protein	Minimal
	Inflammation	Chronic, Minimal
Seminal Vesicle	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 585	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Testes		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 586	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 587

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Kidney
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 588	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Testes

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Mild
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PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 589	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 590

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

OBSERVATIONS

Kidney

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 591	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 592	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland Testes	Epididymis	Rete Testes	Seminal Vesicle
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 593	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland Testes	Epididymis	Rete Testes	Seminal Vesicle
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Dorsal Lobe	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 594	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney	Capsule, Fat	Cyst	
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1,2-2]			
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 595	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 596	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 597	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 598	TRT#: 8	SEX: Male	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Note: TGL # 01 - NO SECTION TAKEN			
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 619	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Mammary Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
		Malformation	
[Malformation TGLS = 1-5.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 620	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 621	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Mammary Gland
Pituitary Gland	Rete Testes	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Mild
Seminal Vesicle		Dilatation	Minimal
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 622	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 623	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Mammary Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Adrenal Cortex	Accessory Adrenal Cortical Nodule	
Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 624	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Rete Testes	Testes		

OBSERVATIONS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Seminal Vesicle	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 625	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 626

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

OBSERVATIONS

Kidney

Renal Tubule

Inflammation
Regeneration

Chronic, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 627

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

OBSERVATIONS

Kidney

Capsule, Fat

Cyst
Inflammation

Chronic, Minimal

[Cyst TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 628	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 629	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Seminal Vesicle	Testes		

MISSING

Rete Testes

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 630

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland

Epididymis

Kidney

Mammary Gland

Prostate

Prostate, Dorsal Lobe

Prostate, Ventral Lobe

Rete Testes

Seminal Vesicle

Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 631	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 632

TRT#: 7
DOSE: F2 100 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 162
HISTO: 21320100632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Ventral Lobe

OBSERVATIONS

Kidney
Prostate, Dorsal Lobe

Inflammation
Inflammation
Inflammation

Chronic, Minimal
Suppurative, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 633	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 634	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Testes

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 635	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Duct	Hyperplasia	Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 636	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
	Duct	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 637	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Skin	Testes	Thymus	Thyroid Gland

MISSING

Rete Testes

OBSERVATIONS

Kidney	Cortex	Cyst	
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Seminal Vesicle		Dilatation	Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 638	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Mammary Gland	Pituitary Gland	Prostate, Dorsal Lobe	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland

MISSING

Rete Testes	Testes
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INSUFFICIENT TISSUE

Coagulating Gland

OBSERVATIONS

Epididymis	Degeneration Hyospermia	Moderate Marked
[Degeneration TGLS = 2-6.1] [Hyospermia TGLS = 2-6.1]		
Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
Testes		

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 639

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Mammary Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

MISSING

Rete Testes

OBSERVATIONS

Adrenal Cortex	Vacuolization Cytoplasmic	Mild
Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 640	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 641	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland			

MISSING

Rete Testes

OBSERVATIONS

Kidney	Pelvis	Dilatation Inflammation	Mild Chronic, Minimal
[Dilatation TGLS = 1-2]			
Liver		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 659

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Skin	Thymus	Thyroid Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Spleen	Adventitia	Inflammation	Chronic, Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 660

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Mammary Gland	Pituitary Gland	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 661

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Mammary Gland
Pituitary Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 662	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 663

TRT#: 6

SEX: Male

DAY ON TEST: 163

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Kidney
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 664	TRT#: 6	SEX: Male	DAY ON TEST: 163
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 665	TRT#: 6	SEX: Male	DAY ON TEST: 163
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 666	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 667	TRT#: 6	SEX: Male	DAY ON TEST: 160
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 668	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis	Kidney	Prostate, Dorsal Lobe	Rete Testes
Testes			

MISSING

Coagulating Gland

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 669

TRT#: 7
DOSE: F2 100 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 162
HISTO: 21320100669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate
Seminal Vesicle

Epididymis
Prostate, Dorsal Lobe
Testes

Kidney
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 670	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 671	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland Testes	Epididymis	Rete Testes	Seminal Vesicle
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OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Mammary Gland	Duct	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 672	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Thymus	Atrophy	Moderate
[Atrophy TGLS = 1-1]		

PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 673	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 674	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Seminal Vesicle
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Rete Testes		Dilatation	Mild
Testes	Seminif Tub	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 675	TRT#: 8	SEX: Male	DAY ON TEST: 163
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 676	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 677	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 678	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 679	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Spleen		Hyperplasia	Stromal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 680	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Testes			

Note: RETE TESTES WERE NORMAL TESTES WERE MISSING.

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 681	TRT#: 8	SEX: Male	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 696

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Mammary Gland
Skin
Thyroid Gland

Adrenal Medulla
Epididymis
Pituitary Gland
Spleen

Bone Marrow
Kidney
Rete Testes
Testes

Bone, Femur
Liver
Seminal Vesicle
Thymus

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Mild
Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 697

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
Testes	Seminif Tub	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 698	TRT#: 6	SEX: Male	DAY ON TEST: 163
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 699	TRT#: 7	SEX: Male	DAY ON TEST: 164
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 700	TRT#: 7	SEX: Male	DAY ON TEST: 163
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Rete Testes	Seminal Vesicle	Testes	

OBSERVATIONS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 701	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Testes

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
------------------------	--------------	------------------

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 714	TRT#: 5	SEX: Male	DAY ON TEST: 164
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Mammary Gland
Pituitary Gland	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Chronic, Mild
	Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 715	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Kidney	Mammary Gland
Seminal Vesicle	Testes		

MISSING

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 716	TRT#: 7	SEX: Male	DAY ON TEST: 159
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Testes			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 717	TRT#: 8	SEX: Male	DAY ON TEST: 159
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Rete Testes
Seminal Vesicle	Skin	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Capsule, Fat	Cyst	
		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 1-2]			
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
	Duct	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 510

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Hyperplasia
Estrus
Decidual Reaction
Estrus
Estrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 511	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Mammary Gland	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Mineralization	Mild
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Vagina	Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 512	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 513

TRT#: 1

SEX: Female

DAY ON TEST: 160

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 514

TRT#: 1

SEX: Female

DAY ON TEST: 160

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Oviduct
Thymus

Adrenal Medulla
Pituitary Gland
Thyroid Gland

Bone Marrow
Skin

Bone, Femur
Spleen

OBSERVATIONS

Kidney
Liver

Median Lobe

[Developmental Malformation TGLS = 1-5.2]

Mammary Gland
Ovary
Uterus

Alveolus

Mineralization
Developmental Malformation

Minimal

Hyperplasia
Estrus
Decidual Reaction
Estrus
Estrus

Mild

Vagina

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 515

TRT#: 1

SEX: Female

DAY ON TEST: 160

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 516	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Mammary Gland	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Mineralization	Mild
Ovary	Metestrus	
Uterus	Decidual Reaction	
	Metestrus	
Vagina	Metestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 517

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

MISSING

Vagina

OBSERVATIONS

Kidney

Cyst

Mineralization

Minimal

Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY

Liver

Developmental Malformation

[Developmental Malformation TGLS = 1-5]

Mammary Gland

Alveolus

Hyperplasia

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 02 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 518

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 160
HISTO: 21320100518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Inflammation	Chronic Active, Minimal
		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 519

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

MISSING

Vagina

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 520

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 521	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 522

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Inflammation	Chronic Active, Mild
		Mineralization	Marked
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 523

TRT#: 3

SEX: Female

DAY ON TEST: 159

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 524	TRT#: 3	SEX: Female	DAY ON TEST: 159
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Marked
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 525	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Oviduct	Pituitary Gland	Skin	Spleen
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Mineralization	Mild
Liver	Median Lobe	Developmental Malformation	
[Developmental Malformation TGLS = 1-5]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 526

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 527

TRT#: 4
DOSE: F2 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

MISSING

Vagina

OBSERVATIONS

Kidney		Cyst Mineralization	Moderate
[Cyst TGLS = 2-2]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Cyst Estrus	
[Cyst TGLS = 1-6]			
Uterus		Decidual Reaction Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 529

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney

Cyst

Mineralization

Minimal

Ovary

Proestrus

Uterus

Proestrus

Note: PATHOLOGIST NOTED: "RESORPTION SITE" NOT ON SLIDE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 530	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Proestrus	
Thyroid Gland		Cyst	
Uterus		Decidual Reaction	
		Proestrus	

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 531	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Proestrus	
Uterus		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 532	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Oviduct	Pituitary Gland	Skin	Spleen
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Developmental Malformation	
[Developmental Malformation TGLS = 1-5]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 555	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 556	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:25
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 557	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 558	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 559	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Note: PER PATHOLOGIST NO RECUT			
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 561

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney Oviduct

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 562

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 563

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Developmental Malformation	
	[Developmental Malformation TGLS = 1-5]		
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 564

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 565

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney	Bilateral	Cyst	
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 566

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 567	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 568	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 569

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Metestrus

Uterus

Decidual Reaction

Metestrus

Vagina

Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 570

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 571	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 572	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 573	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 574	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Infarct	
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 575	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Liver		Inflammation	Chronic Active, Focal, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 576	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 599

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 600

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Hyperplasia
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 601	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Mammary Gland	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Metestrus	
Uterus	Decidual Reaction	
	Metestrus	
Vagina	Metestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 602	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 603

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 162
HISTO: 21320100603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Marked
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 604

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 605	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Inflammation	Chronic Active, Mild
	Mineralization	Marked
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Vagina	Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 606

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 607	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Diestrus	
Uterus	Decidual Reaction	
	Diestrus	
Vagina	Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 608	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Cyst
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Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY

Ovary	Estrus
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Uterus	Estrus
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Note: PATHOLOGIST NOTED: IMPLANTATION SITE NOT PRESENT

Vagina	Estrus
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 609

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 610	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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MISSING

Vagina

OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Proestrus	
Uterus	Proestrus	
Vagina		

Note: PER PATHOLOGIST NO RECUT

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 611	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 612

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 613

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 614	TRT#: 4	SEX: Female	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Metestrus	
Note: PATHOLOGIST NOTED: IMPLANTATION SITE NOT PRESENT			
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 615	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Mammary Gland	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE		
Vagina	Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 616	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 617	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 618	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Oviduct	Pituitary Gland	Skin	Spleen
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver	Bile Duct	Inflammation	
		Necrosis	Focal, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 642	TRT#: 1	SEX: Female	DAY ON TEST: 162
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Diestrus	
Note: PATHOLOGIST NOTED: IMPLANTATION SITES NOT PRESENT			
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 643	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 644	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 645	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 646

TRT#: 2

SEX: Female

DAY ON TEST: 163

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 647

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 648

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 649

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 160
HISTO: 21320100649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 650

TRT#: 3

SEX: Female

DAY ON TEST: 162

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 651	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Metestrus	
Uterus	Decidual Reaction	
	Metestrus	
Vagina	Metestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 652	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Cyst	
		Mineralization	Minimal
Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY			
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 653

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Metestrus

Uterus

Decidual Reaction

Metestrus

Vagina

Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 654	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Oviduct
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OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 655	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Oviduct
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OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 656	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Cyst	
	Mineralization	Minimal
Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY		
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Vagina	Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 657	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Liver
Oviduct	Pituitary Gland	Skin	Spleen
Thymus	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex		Adenoma	
Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 658	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 682

TRT#: 1

SEX: Female

DAY ON TEST: 163

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Mammary Gland
Skin

Bone Marrow
Oviduct
Spleen

Bone, Femur
Pancreas
Thymus

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 683

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Proestrus
Decidual Reaction
Proestrus
Estrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 684

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Estrus
Decidual Reaction

Vagina

Estrus
Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 685	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320100685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Mineralization	Minimal
Mammary Gland		
Note: PER PATHOLOGIST NO RECUT		
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Vagina	Proestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 686

TRT#: 2

SEX: Female

DAY ON TEST: 163

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney	Pelvis	Dilatation	Moderate
		Mineralization	Mild
Note: PATHOLOGIST NOTED: DILATATION ON RIGHT KIDNEY			
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 687	TRT#: 2	SEX: Female	DAY ON TEST: 162
	DOSE: F2 5 PPM	DISP: Terminal Sacrifice	HISTO: 21320100687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Oviduct
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OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 688

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 160
HISTO: 21320100688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 689	TRT#: 3	SEX: Female	DAY ON TEST: 163
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Proestrus	
Note: PATHOLOGIST NOTED: IMPLANTATION SITE NOT PRESENT ON SLIDE			
Note: PER PATHOLOGIST NO RECUT			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 690

TRT#: 3

SEX: Female

DAY ON TEST: 162

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 691	TRT#: 3	SEX: Female	DAY ON TEST: 162
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Metestrus	
Uterus	Decidual Reaction	
	Metestrus	
Vagina	Metestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 692	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney	Renal Tubule	Dilatation Inflammation Mineralization	Focal, Mild Chronic Active, Minimal Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 693

TRT#: 4

SEX: Female

DAY ON TEST: 164

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Metestrus
Decidual Reaction
Metestrus
Metestrus

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 694	TRT#: 4	SEX: Female	DAY ON TEST: 162
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 695	TRT#: 4	SEX: Female	DAY ON TEST: 164
	DOSE: F2 500 PPM	DISP: Terminal Sacrifice	HISTO: 21320100695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 708

TRT#: 1

SEX: Female

DAY ON TEST: 164

DOSE: F2 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320100708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

MISSING

Vagina

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Alveolus

Hyperplasia
Proestrus
Decidual Reaction
Proestrus

Mild

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 709

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 5 PPM

DISP: Terminal Sacrifice

HISTO: 21320100709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Parenchym Cell

Proliferation

Focal, Minimal

Note: PATHOLOGIST NOTED: PROLIFERATION ON LEFT KIDNEY

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 710

TRT#: 2
DOSE: F2 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320100710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 711	TRT#: 3	SEX: Female	DAY ON TEST: 159
	DOSE: F2 100 PPM	DISP: Terminal Sacrifice	HISTO: 21320100711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland	Oviduct
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OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Estrus	
Uterus	Decidual Reaction	
	Estrus	
Vagina	Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 712

TRT#: 3

SEX: Female

DAY ON TEST: 159

DOSE: F2 100 PPM

DISP: Terminal Sacrifice

HISTO: 21320100712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/17/2014
Time Report Requested: 12:41:26
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 713

TRT#: 4

SEX: Female

DAY ON TEST: 159

DOSE: F2 500 PPM

DISP: Terminal Sacrifice

HISTO: 21320100713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Vagina

Metestrus
Decidual Reaction
Metestrus
Metestrus

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****