

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

C Number: C99024C
Lock Date: 06/29/2006
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 05/14/2008

Experiment Number: 99024-08
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 398 HISTO: 105606
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Liver	Hepatocellular Carcinoma Necrosis Vacuolization Cytoplasmic	Multiple Focal, Mild Moderate
[Hepatocellular Carcinoma TGLS = 1-21,2-22]	Hepatocyte	
* Lung	Thrombosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
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Route: GAVAGE
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 5-23,6-24,7-6]		
	[Hepatocellular Adenoma TGLS = 2-21,3-6,4-22]		
	[Vacuolization Cytoplasmic TGLS = 1-6]		
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 8-25]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Moderate
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 2-22,3-6,4-23,5-24,6-6]	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1-21]		
	[Vacuolization Cytoplasmic TGLS = 6-6]		
* Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex Note: CYST IN ADRENAL CORTEX; MORPHOLOGY UNAVAILABLE ON TDMS.		Hypertrophy	Focal, Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Hyperplasia	Minimal
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-22]			
[Clear Cell Focus TGLS = 4-6,5-21,7-6]			
[Mixed Cell Focus TGLS = 2-6,3-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 8-23]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------------------------------------|----------------|----------------------------------|--------------------|
| * Bone Marrow | | Hyperplasia | Mild |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | Multiple |
| [Clear Cell Focus TGLS = 5-23] | | | |
| [Hepatocellular Adenoma TGLS = 2-21,3-22,4-6] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| * Lymph Node, Mesenteric | | Hematopoietic Cell Proliferation | Mild |
| | | Hyperplasia | Lymphoid, Moderate |
| [Hematopoietic Cell Proliferation TGLS = 1-5] | | | |
| [Hyperplasia TGLS = 1-5] | | | |
| * Preputial Gland | | Cyst | Moderate |
| * Spleen | | Fibrosis | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| [Fibrosis TGLS = 6-24] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCI ARE PRESENT ON SLIDES 6 AND 22.			
[Clear Cell Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 4-22]			
[Mixed Cell Focus TGLS = 2-21]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: LUNG HEMORRHAGE IS PRESENT ON SLIDE 23.			
[Alveolar/Bronchiolar Adenoma TGLS = 5-23]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 489
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | |
|------------------------------------------|-----------------------------------|----------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | Moderate |
| * Harderian Gland | Adenoma | |
| * Liver | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | |
| * Lung | Thrombosis | Mild |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 682
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 105613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-24]	
	[Hepatocellular Carcinoma TGLS = 2-22,3-23]	
* Lung	Alveolar/Bronchiolar Carcinoma	Histiocyte, Moderate
	Infiltration Cellular	
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]	
* Lymph Node, Mesenteric	Lymphoma Malignant	Moderate
* Spleen	Hematopoietic Cell Proliferation	
	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-21]	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma; Spleen Lymphoma Malignant

Animal Note: MALIGNANT LYMPHOMA IN THE SPLEEN AND LYMPH NODE IS ATYPICAL (VARIES FROM ROUND CELLS TO SPINDLE SHAPED CELLS WITH MESENCHYMAL APPEARANCE).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
Note: CLEAR CELL FOCI PRESENT ON SLIDES 6 AND 23.		
[Clear Cell Focus TGLS = 4-6]		
[Hemangiosarcoma TGLS = 5-21]		
[Hepatocellular Adenoma TGLS = 6-22,7-23,8-24]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 3-5]		
[Hyperplasia TGLS = 3-5]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6,2-6]		
[Lymphoma Malignant TGLS = 1-6,2-6]		
* Thyroid Gland	Follicle	Degeneration
		Focal, Mild

PRIMARY CAUSE OF DEATH

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Animal Note: LESIONS OF MILD TO MODERATE PERIARTERITIS IN VARIOUS TISSUES ON SLIDES 4, 5, 7, AND 8; NOT TABULATED AS BLOOD VESSEL IS NOT A PROTOCOL- REQUIRED TISSUE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105615

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 534

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Metaplasia Carcinoma	Mild Osseous, Moderate
* Harderian Gland			
[Carcinoma TGLS = 3-12]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCI ARE PRESENT ON SLIDES 6 AND 23.			
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 1-6,4-21,6-23]			
[Mixed Cell Focus TGLS = 5-22]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-24]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 2-6,4-6]			
[Hepatocellular Adenoma TGLS = 3-22,6-24]			
[Hepatocellular Carcinoma TGLS = 5-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Focal, Moderate
		Hypertrophy	Focal, Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 1-6]	
		[Vacuolization Cytoplasmic TGLS = 1-6]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 597
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Hepatocellular Carcinoma	

[Clear Cell Focus TGLS = 3-6]
[Hepatocellular Adenoma TGLS = 1-21]
[Hepatocellular Carcinoma TGLS = 2-22]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|--------------------------|--------------|--------------|-------------------|
| * Adrenal Cortex | | Hypertrophy | Focal, Minimal |
| * Eye | | Cataract | Moderate |
| | Retina | Degeneration | Mild |
| | | Inflammation | Chronic, Moderate |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 1-12] | | | |
| * Kidney | Renal Tubule | Hyperplasia | Mild |
| * Lung | | Inflammation | Chronic, Mild |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMA IS ON SLIDE 6. [Clear Cell Focus TGLS = 1-6] [Mixed Cell Focus TGLS = 2-21] [Vacuolization Cytoplasmic TGLS = 1-6]			
* Lung		Hemorrhage	Minimal
* Nose		Inflammation	Chronic, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Epididymis		Spermatocele	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 3-6]		
	[Hepatocellular Adenoma TGLS = 3-6]		
	[Hepatocellular Carcinoma TGLS = 1-21,2-22]		
	[Vacuolization Cytoplasmic TGLS = 3-6]		
* Nose		Foreign Body	
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCI PRESENT ON SLIDES 6 AND 23.			
[Clear Cell Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 4-22]			
[Hepatocellular Carcinoma TGLS = 2-21,5-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hemangiosarcoma	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Marked
[Hepatocellular Adenoma TGLS = 6-23]		
[Hepatocellular Carcinoma TGLS = 4-21,5-22,7-6,8-24]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Moderate
Note: THE ALVEOLAR/BRONCHIOLAR CARCINOMA ON SLIDE 25 IS LARGELY NECROTIC WITH VIABLE CELLS ONLY AT THE PERIPHERY.		
[Alveolar/Bronchiolar Carcinoma TGLS = 9-25]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Follicle	Degeneration
		Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
 CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 636
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 105626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-22]	Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 3-23]		
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 581

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Carcinoma Hemorrhage Hepatocellular Carcinoma Hyperplasia Infiltration Cellular	Mild Metastatic (Liver) Mild Histiocyte, Marked
	Alveolar Epith		
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 650

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum	* Thymus
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-6]		
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Hemorrhage	Mild
	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Marked
[Hepatocellular Carcinoma TGLS = 5-2,6-2,7-2,8-2,9-2,10-2]		
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Salivary Glands	Atrophy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye		Inflammation	Chronic, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-23]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Carcinoma TGLS = 2-21]			
[Mixed Cell Focus TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Parathyroid Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 590

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
		Necrosis	Focal, Moderate
		Sarcoma	Metastatic (Skeletal Muscle)
[Eosinophilic Focus TGLS = 9-27]			
[Necrosis TGLS = 4-22,7-25]			
[Sarcoma TGLS = 5-23,6-24,8-26]			
* Lung		Sarcoma	Metastatic (Skeletal Muscle)
[Sarcoma TGLS = 10-2,14-2]			
Skeletal Muscle		Sarcoma	
Note: MARKED EDEMA IN SKELETAL MUSCLE (TGL 12-29); MORPHOLOGY UNAVAILABLE ON TDMS.			
[Sarcoma TGLS = 11-28]			
* Skin		Edema	Marked
[Edema TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 590
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 105630

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	- Skeletal Muscle Sarcoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Clear Cell Focus	
		Vacuolization Cytoplasmic	Moderate
		[Clear Cell Focus TGLS = 1-6]	
		[Vacuolization Cytoplasmic TGLS = 1-6]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-22]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2,6-23]			
[Infiltration Cellular TGLS = 7-2]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Cyst	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 5-6]			
[Cyst TGLS = 2-21]			
[Eosinophilic Focus TGLS = 1-6]			
[Hepatocellular Adenoma TGLS = 4-23]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 556
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Kidney	Cyst	Moderate
* Prostate	Inflammation	Chronic, Moderate
* Stomach, Forestomach	Erosion	Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 1-21,2-22]		
	[Hepatocellular Adenoma TGLS = 2-22]		
* Nose		Foreign Body	
		Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 733
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Adrenal Medulla	* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 5-23]	
		[Hepatocellular Adenoma TGLS = 3-21]	
		[Hepatocellular Carcinoma TGLS = 4-22]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Marked
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Inflammation	Chronic, Mild
* Seminal Vesicle		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Germinal Epith	Atrophy	Minimal
* Urinary Bladder		Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105636

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
<p>Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 2-22] [Hepatocellular Carcinoma TGLS = 1-21]</p>			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCI ARE ON SLIDES 22 AND 23. HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 21, 22, 23, AND 24. [Hepatoblastoma TGLS = 4-24] [Hepatocellular Adenoma TGLS = 2-22,3-23] [Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Marked
		[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]	
* Nose		Foreign Body	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Lymphoma Malignant	
		Nephropathy	Mild
[Lymphoma Malignant TGLS = 4-22]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 6-6]			
[Hepatocellular Carcinoma TGLS = 5-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105639

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Eye | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | |
|------------------------------------------|-----------------------------------|----------------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | Moderate |
| | Hypertrophy | Focal, Minimal |
| * Bone Marrow | Hyperplasia | Mild |
| * Harderian Gland | Adenoma | |
| [Adenoma TGLS = 2-12] | | |
| * Kidney | Infarct | Mild |
| | Nephropathy | Minimal |
| * Liver | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 1-21] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Eye	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 21, AND 23.			
[Clear Cell Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 1-21,3-23]			
* Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 513

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Intestine Small, Ileum	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Stomach, Forestomach	Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 2-21]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 6-25]			
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 5-6]			
[Hepatoblastoma TGLS = 3-23]			
[Hepatocellular Adenoma TGLS = 1-21,2-22,4-24]			
[Mixed Cell Focus TGLS = 5-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39 TRT#: 1 SEX: Male DAY ON TEST: 729
DOSE: 0 MG/KG DISP: Terminal Sacrifice HISTO: 105644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland		* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland	Adenoma	
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hemorrhage	Mild
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 4-23]		
[Hemorrhage TGLS = 7-25]		
[Hepatocellular Adenoma TGLS = 2-21,3-22]		
[Hepatocellular Carcinoma TGLS = 5-24]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]		
* Preputial Gland	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	

[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Hemorrhage	Moderate
* Eye		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		
	[Infiltration Cellular TGLS = 3-2]		
* Skin		Hemorrhage	Moderate
		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
	[Hemorrhage TGLS = 4-21]		
	[Hyperkeratosis TGLS = 4-21]		
	[Hyperplasia TGLS = 4-21]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|----------------------|------------------------------------------------------|---------------------------|------------------|
| * Adrenal Cortex | | Hyperplasia | Focal, Mild |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Infiltration Cellular | Lymphocyte, Mild |
| | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Mixed Cell Focus | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| | [Hepatocellular Adenoma TGLS = 1-6,3-21,4-22,5-23] | | |
| | [Mixed Cell Focus TGLS = 2-6] | | |
| | [Vacuolization Cytoplasmic TGLS = 6-6] | | |
| * Nose | | Inflammation | Chronic, Minimal |
| * Salivary Glands | | Infiltration Cellular | Lymphocyte, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis	Granuloma Sperm	Moderate
* Harderian Gland	Carcinoma	
[Carcinoma TGLS = 3-22]		
* Kidney	Infiltration Cellular	Lymphocyte, Moderate
	Metaplasia	Osseous, Mild
	Nephropathy	Moderate
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 2-6]		
[Eosinophilic Focus TGLS = 2-6]		
[Hepatocellular Adenoma TGLS = 1-21]		
* Nose	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangioma	
		Hepatocellular Adenoma	Multiple
[Hemangioma TGLS = 4-23]			
[Hepatocellular Adenoma TGLS = 2-22,3-6]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 5-24]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCI ARE PRESENT ON SLIDES 6 AND 22.			
[Clear Cell Focus TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 2-21,3-23]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
Mesentery		Hemorrhage	Mild
[Hemorrhage TGLS = 5-24]			
* Nose		Foreign Body	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-25]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 5-24]		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 4-23]			
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Minimal
[Hemorrhage TGLS = 1-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 561

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Intestine Large, Cecum	Edema	Mild
* Kidney	Nephropathy	Marked
[Nephropathy TGLS = 2-5]		
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-21,4-22]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Ulcer	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: TGL 2-21=No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Duodenum [Carcinoma TGLS = 1-21]		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 4-23]			
[Hepatocellular Adenoma TGLS = 3-6,5-24]			
[Hepatocellular Carcinoma TGLS = 6-25]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 7-2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50 TRT#: 1 SEX: Male DAY ON TEST: 731
DOSE: 0 MG/KG DISP: Terminal Sacrifice HISTO: 105655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-22]		
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-23]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL=1-21 No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 51

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Thymus

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Nose
- * Preputial Gland
- * Skin
- * Thyroid Gland

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Prostate
- * Stomach, Glandular
- * Trachea

OBSERVATIONS

- * Kidney
- * Liver

- Nephropathy
- Basophilic Focus
- Eosinophilic Focus
- Hepatocellular Adenoma
- Hepatocellular Carcinoma

- Minimal
- Multiple

[Basophilic Focus TGLS = 5-6]
 [Hepatocellular Adenoma TGLS = 6-24]
 [Hepatocellular Carcinoma TGLS = 1-21,3-23,4-6]

- * Spleen
- * Stomach, Forestomach

Epithelium

- Hematopoietic Cell Proliferation
- Hyperplasia

- Mild
- Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52

TRT#: 4

SEX: Male

DAY ON TEST: 652

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney	Infarct	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Gallbladder	Epithelium	Cytoplasmic Alteration	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
 Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 24.			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Skin	Subcut Tiss	Fibroma	
 Note: EXTENSIVE VACUOLIZATION AND DISSOLUTION OF TISSUE COMPRISING THE FIBROMA.			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105658

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Spleen		Accessory Spleen	

[Accessory Spleen TGLS = 2-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Eye		Atrophy	Marked
[Atrophy TGLS = 6-25]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOBLASTOMA IS ON SLIDE 23.			
[Hepatocellular Adenoma TGLS = 2-22,3-23]			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-24]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105660

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	

[Hepatocellular Adenoma TGLS = 3-23,4-24,5-6]
[Hepatocellular Carcinoma TGLS = 1-21,2-22,6-25]
[Mixed Cell Focus TGLS = 5-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Carcinoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 4

SEX: Male

DAY ON TEST: 607

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Bone
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

OBSERVATIONS

- * Bone Marrow
- * Kidney
- * Liver

Hyperplasia
 Nephropathy
 Hepatocellular Carcinoma

Moderate
 Minimal

[Hepatocellular Carcinoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: CLEAR CELL FOCI ARE ON SLIDE 22.			
[Hepatocellular Adenoma TGLS = 2-21,5-24]			
[Hepatocellular Carcinoma TGLS = 4-23]			
[Mixed Cell Focus TGLS = 1-6,3-22]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 4-22]			
[Mixed Cell Focus TGLS = 3-6,5-23]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Eye	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney	Renal Tubule	Cyst	Moderate
		Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21.			
[Clear Cell Focus TGLS = 2-6]			
[Hepatocellular Adenoma TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
Lacrimal Gland	Duct	Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-21]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 4-6]		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-6,3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Chronic, Mild
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 2-12]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
Note: NECROSIS MADE DIAGNOSIS OF LESION ON SLIDE 22 PROBLEMATIC. [Hepatoblastoma TGLS = 5-24] [Hepatocellular Carcinoma TGLS = 3-22,4-23]			
Mesentery [Necrosis TGLS = 1-21]	Fat	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple

Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, AND 23.

[Eosinophilic Focus TGLS = 1-21]
 [Hepatocellular Adenoma TGLS = 2-22,3-23]
 [Hepatocellular Carcinoma TGLS = 4-24,5-6]

* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCUS IS ON SLIDE 23.			
[Clear Cell Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 1-21,3-23,4-24]			
[Hepatocellular Carcinoma TGLS = 5-25]			
* Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 4-6]	
		[Hepatocellular Carcinoma TGLS = 1-21,2-22,3-23]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]	
* Nose		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Cyst Epithelial Inclusion	
* Kidney		Cyst	Moderate
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 3-22]		
	[Hepatocellular Adenoma TGLS = 4-23,5-6]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
	[Mixed Cell Focus TGLS = 6-24,7-6]		
	[Vacuolization Cytoplasmic TGLS = 1-6]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Epididymis
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

OBSERVATIONS

- * Harderian Gland
- * Kidney
- * Liver

- Adenoma
- Nephropathy
- Hepatocellular Adenoma

- Mild
- Multiple

Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 21, AND 22.

[Hepatocellular Adenoma TGLS = 1-21,2-22]

- * Lymph Node, Mesenteric

- Hematopoietic Cell Proliferation
- Hyperplasia

- Mild
- Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21.

[Hepatocellular Adenoma TGLS = 2-21]

[Hepatocellular Carcinoma TGLS = 3-22]

* Skin	Subcut Tiss	Hemangiosarcoma	
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[Hemangiosarcoma TGLS = 4-23]

* Spleen		Hemangiosarcoma	
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[Hemangiosarcoma TGLS = 1-24]

Hematopoietic Cell Proliferation	Marked
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	Hepatocyte		
Note: CLEAR CELL FOCI ARE ON SLIDES 21, 24, AND 25.			
[Eosinophilic Focus TGLS = 6-6]			
[Hepatoblastoma TGLS = 4-24]			
[Hepatocellular Adenoma TGLS = 1-21,5-25]			
[Hepatocellular Carcinoma TGLS = 2-22,3-23]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Infiltration Cellular	Lymphocyte, Mild
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-6]		
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2,4-22]		
* Preputial Gland	Cyst	Moderate
* Thyroid Gland	Follicle Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 729
DOSE: 10 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Marked
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-26]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-23,6-24]		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-21,4-22]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-25]			
* Seminal Vesicle		Degeneration	Marked
Note: DEGENERATION INVOLVES SECRETIONS OF SEMINAL VESICLES.			
[Degeneration TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Eye | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

INSUFFICIENT TISSUE

- * Thymus

OBSERVATIONS

- | | | | |
|---------------------------------------------|--------------|---------------------------|----------------|
| * Adrenal Cortex | | Hypertrophy | Focal, Minimal |
| * Bone Marrow | | Hyperplasia | Moderate |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 4-12] | | | |
| * Kidney | Renal Tubule | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | Hepatocyte | Hepatocellular Adenoma | Multiple |
| | | Vacuolization Cytoplasmic | Moderate |
| [Eosinophilic Focus TGLS = 1-6] | | | |
| [Hepatocellular Adenoma TGLS = 2-21,3-22] | | | |
| [Vacuolization Cytoplasmic TGLS = 1-6] | | | |
| * Thyroid Gland | Follicle | Degeneration | Focal, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Minimal
[Hepatocellular Adenoma TGLS = 4-21,6-23,7-6]			
[Hepatocellular Carcinoma TGLS = 5-22,8-24,9-25]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-5]			
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 11-27]			
[Ulcer TGLS = 11-27]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Marked

Note: THYMIC HYPERPLASIA IS ON SLIDES 3 AND 26.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105681

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 10-26]

* Thyroid Gland

Follicle

Degeneration

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 8-24]		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-23]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-8]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas		Atrophy	Minimal
	Acinus	Cytoplasmic Alteration	Mild
* Skin		Edema	Moderate
	Epidermis	Hyperplasia	Moderate
		Ulcer	Marked

Note: SKIN ULCERS AND EPIDERMAL HYPERPLASIA ARE ON SLIDES 8 AND 21.

[Ulcer TGLS = 1-21]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 4 DOSE: 10 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 105682
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MILD FIBROSIS, PLASMA CELLS, AND HEMOSIDERIN-CONTAINING MACROPHAGES IN MESENTERY ON SLIDE 4; NOT TABULATED (NONPROTOCOL-REQUIRED TISSUE).

Animal Note: FOCUS OF MONONUCLEAR CELLS IN MESENTERY ON SLIDE 4; NEGATIVE WITH TOLUIDINE BLUE STAIN AND ASSUMED TO BE PLASMA CELLS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic	Adenoma	
	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Necrosis	Focal, Moderate

Note: HEPATOCELLULAR ADENOMA IS PRESENT ON SLIDE 21.

[Clear Cell Focus TGLS = 1-6]

[Hepatocellular Carcinoma TGLS = 2-21]

[Necrosis TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105684

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-22]		
[Hepatocellular Adenoma TGLS = 1-21]		
* Lung	Infiltration Cellular	Histiocyte, Moderate
Note: MODERATE LYMPHOCYTIC INFILTRATION IN LUNG (TGL 2-2); TDMS SYSTEM WILL NOT ALLOW TABULATED ENTRY.		
[Infiltration Cellular TGLS = 2-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81 TRT#: 4 SEX: Male DAY ON TEST: 731
DOSE: 10 MG/KG DISP: Terminal Sacrifice HISTO: 105686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Nose * Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Hemangiosarcoma TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 3-23,4-6]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:29

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Brain

* Gallbladder

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mesenteric

* Parathyroid Gland

* Salivary Glands

* Stomach, Forestomach

* Thyroid Gland

* Adrenal Medulla

* Epididymis

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Mammary Gland

* Pituitary Gland

* Seminal Vesicle

* Stomach, Glandular

* Trachea

* Bone

* Esophagus

* Heart

* Intestine Small, Duodenum

* Lung

* Nose

* Preputial Gland

* Skin

* Testes

* Urinary Bladder

* Bone Marrow

* Eye

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lymph Node, Mandibular

* Pancreas

* Prostate

* Spleen

* Thymus

OBSERVATIONS

* Kidney

Cyst

Moderate

Infarct

Minimal

* Liver

Hepatocellular Adenoma

Multiple

[Hepatocellular Adenoma TGLS = 1-21,2-22,3-23]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84

TRT#: 4

SEX: Male

DAY ON TEST: 606

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Carcinoma	Metastatic (Lung)
		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Lung)
		Clear Cell Focus	
		Hepatocellular Carcinoma	
Note: METASTATIC LUNG CARCINOMA IS ON SLIDE 22 WITHIN AREA OF THE HEPATOCELLULAR CARCINOMA.			
		[Clear Cell Focus TGLS = 5-6]	
		[Hepatocellular Carcinoma TGLS = 4-22]	
* Lung		Carcinoma	
		Metaplasia	Osseous, Minimal
		[Carcinoma TGLS = 6-23]	
Mesentery	Fat	Necrosis	Minimal
		[Necrosis TGLS = 8-24]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		[Hyperplasia TGLS = 9-25]	
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84

TRT#: 4

SEX: Male

DAY ON TEST: 606

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105689

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105691

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

PRIMARY CAUSE OF DEATH -

Animal Note: HEMANGIOSARCOMA PRESENT IN BRONCHIAL LYMPH NODE ON SLIDE 2 (NOT TABULATED BECAUSE BRONCHIAL LYMPH NODE IS NOT A PROTOCOL-REQUIRED TISSUE).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCUS IS ON SLIDE 23.			
[Hepatocellular Adenoma TGLS = 2-22,3-23,4-24]			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105692

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Moderate
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-21]		
	[Hepatocellular Carcinoma TGLS = 3-22]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Atrophy	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Mild
	[Cytoplasmic Alteration TGLS = 1-7]		
* Preputial Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	[Hyperplasia TGLS = 5-23]		
	[Inflammation TGLS = 5-23]		
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 6-23]		
	[Hepatocellular Carcinoma TGLS = 1-6,2-6,3-21]		
	[Vacuolization Cytoplasmic TGLS = 4-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-22]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 1-6]			
[Hepatocellular Adenoma TGLS = 2-21,4-6,5-23]			
[Hepatocellular Carcinoma TGLS = 3-22]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91

TRT#: 4

SEX: Male

DAY ON TEST: 593

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: 105696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Marked
		Hepatoblastoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 6-22,7-23]		
	[Hepatocellular Carcinoma TGLS = 5-21,7-23]		
* Lung		Hepatoblastoma	Metastatic (Liver)
Mesentery		Hepatoblastoma	Metastatic (Liver)
	[Hepatoblastoma TGLS = 4-5]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92

TRT#: 4

SEX: Male

DAY ON TEST: 725

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
Note: A FEW HEMOSIDERIN-CONTAINING PHAGOCYTES WITHIN MYOCARDIUM.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Hepatocellular Carcinoma Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-6]			
[Hepatocellular Carcinoma TGLS = 2-21]			
[Mixed Cell Focus TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
Note: THE SPLENIC HEMATOPOIESIS CONSISTS LARGELY OF MEGAKARYOCYTES.			
* Thymus		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92

TRT#: 4

SEX: Male

DAY ON TEST: 725

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105697

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Brain Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------------------------------------|-------------|--------------------------|----------|
| * Adrenal Cortex | Capsule | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | Multiple |
| | | | |
| [Clear Cell Focus TGLS = 9-6] | | | |
| [Hepatocellular Adenoma TGLS = 7-24,8-6,10-25] | | | |
| [Hepatocellular Carcinoma TGLS = 6-23,11-26,12-27] | | | |
| Lymph Node | Iliac | Lymphoma Malignant | |
| | Mediastinal | Lymphoma Malignant | |
| | Pancreatic | Lymphoma Malignant | |
| | Renal | Lymphoma Malignant | |
| | | Lymphoma Malignant | |
| | | | |
| [Lymphoma Malignant TGLS = 2-21,3-22] | | | |
| [Lymphoma Malignant TGLS = 15-29] | | | |
| [Lymphoma Malignant TGLS = 13-3] | | | |
| [Lymphoma Malignant TGLS = 14-28] | | | |
| [Lymphoma Malignant TGLS = 5-7] | | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| [Lymphoma Malignant TGLS = 1-8] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 4	SEX: Male	DAY ON TEST: 731
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105698

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Lymphoma Malignant	

[Lymphoma Malignant TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Bone Marrow	Hyperplasia	Mild
* Liver	Clear Cell Focus	
	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 4-6]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
<p>Note: MIXED CELL FOCI ARE ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 2-21,3-6] [Hepatocellular Carcinoma TGLS = 4-22]</p>			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Peripheral Nerve		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Ulcer	Moderate
[Ulcer TGLS = 5-8]			
* Urin Bladder			

Note: URINARY BLADDER IS DILATED (TGL 1); MORPHOLOGY UNAVAILABLE ON TDMS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105701

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCUS IS ON SLIDE 24.			
[Hepatoblastoma TGLS = 3-23]			
[Hepatocellular Adenoma TGLS = 1-21,2-22,4-24]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
<p>Note: A HEPATOCELLULAR ADENOMA IS PRESENT ON SLIDE 22 ALONG WITH A HEPATOCELLULAR CARCINOMA. [Hepatocellular Adenoma TGLS = 3-23,4-24.7-25] [Hepatocellular Carcinoma TGLS = 2-22]</p>			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Skin	Subcut Tiss	Melanoma Malignant	
<p>Note: THE MELANOMA IS AMELANOTIC. [Melanoma Malignant TGLS = 1-21]</p>			
* Thymus		Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105703

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Thymus
---------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Minimal
Note: MODERATE AMOUNT OF MATERIAL RESEMBLING OLD HEMORRHAGE IN PELVIS OF RIGHT KIDNEY; NOT TABULATED.			
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
	[Hepatoblastoma TGLS = 3-21]		
	[Hepatocellular Adenoma TGLS = 4-22]		
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 4

SEX: Male

DAY ON TEST: 721

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: 105705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye		Cataract	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-21]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		Infiltration Cellular	Histiocyte, Marked
[Infiltration Cellular TGLS = 3-2]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 6

SEX: Male

DAY ON TEST: 660

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Eye		Inflammation	Chronic, Moderate
* Harderian Gland		Adenoma	Multiple
[Adenoma TGLS = 15-12]			
* Liver	Centrilobular	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 5-23,7-6,8-25]		Necrosis	Marked
[Necrosis TGLS = 6-24]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 9-2,10-2,11-2,12-2,13-2,14-2]		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-21,3-22]			
* Spleen	Lymph Follic	Atrophy	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101	TRT#: 6	SEX: Male	DAY ON TEST: 660
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: 105706

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
	Hypertrophy	Focal, Minimal
* Bone Marrow	Hyperplasia	Moderate
* Kidney	Cyst	Moderate
	Infiltration Cellular	Lymphocyte, Moderate
	Metaplasia	Osseous, Moderate
	Nephropathy	Moderate
[Nephropathy TGLS = 2-5]		
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Moderate
[Hepatocellular Adenoma TGLS = 4-21]		
[Hepatocellular Carcinoma TGLS = 6-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-23,8-24,9-25,10-26,11-27,12-2]		
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Moderate
* Pituitary Gland	Cyst	Moderate
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102	TRT#: 6 DOSE: 20 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 105707
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Moderate
* Testes	Germinal Epith	Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Esophagus	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2] [Infiltration Cellular TGLS = 4-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Esophagus			
Note: MODERATE SUBMUCOSAL EDEMA IN ESOPHAGUS; MORPHOLOGY UNAVAILABLE ON TDMS.			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 1-7]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Inflammation	Chronic, Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, AND 23.		
		[Eosinophilic Focus TGLS = 6-25]
		[Hepatocellular Adenoma TGLS = 2-22,3-23]
		[Mixed Cell Focus TGLS = 1-21]
* Lung	Alveolar/Bronchiolar Adenoma	
	Angiectasis	Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 5-26]
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Thymus	Hyperplasia	Lymphoid, Marked
		[Hyperplasia TGLS = 4-24]
* Thyroid Gland	Follicle	Degeneration
		Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105710

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 6

SEX: Male

DAY ON TEST: 698

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: 105712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Inflammation	Suppurative, Marked
		Nephropathy	Mild
[Inflammation TGLS = 2-5,3-5]			
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Hyperplasia	Mild
		Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 4-21]			
[Hyperplasia TGLS = 7-6]			
[Necrosis TGLS = 7-6]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107	TRT#: 6	SEX: Male	DAY ON TEST: 698
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: 105712

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-6]

* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 6

SEX: Male

DAY ON TEST: 708

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adren Cortex		
Note: ONE ADRENAL GLAND IS PRESENT ON SLIDE 7.		
Blood Vessel		
Note: MODERATE MINERALIZATION IN AORTA; NOT TABULATED (NONPROTOCOL-REQUIRED TISSUE).		
* Bone Marrow	Hyperplasia	Marked
* Eye	Inflammation	Chronic, Mild
* Heart	Mineralization	Marked
* Intestine Large, Cecum	Edema	Mild
* Kidney	Mineralization	Moderate
Note: MINERALIZATION INVOLVES BASEMENT MEMBRANES (GLOMERULI, RENAL TUBULES) AND BLOOD VESSELS.		
[Mineralization TGLS = 2-5]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]		
* Lung	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALVEOLAR/BRONCHIOLAR ADENOMAS ARE PRESENT ON SLIDES 2 AND 23.		
[Alveolar/Bronchiolar Adenoma TGLS = 4-23]		
* Nose	Inflammation	Chronic, Minimal
* Pancreas	Acinus Carcinoma	
Note: PANCREATIC CARCINOMA IS PRESENT ON SLIDES 5, 7, AND 21.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 6

SEX: Male

DAY ON TEST: 708

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105714

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-21]

* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Carcinoma	Metastatic (Pancreas)
* Stomach, Glandular	Carcinoma	Metastatic (Pancreas)
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Pancreas Acinus Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma;Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 6

SEX: Male

DAY ON TEST: 720

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Marked
* Kidney	Nephropathy	Moderate
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
	Infiltration Cellular	Mixed Cell, Minimal
	Mixed Cell Focus	
	Necrosis	Focal, Minimal
Note: A PORTION OF HEPATOCELLULAR CARCINOMA IS ALSO PRESENT ON SLIDE 6.		
		[Hepatocellular Carcinoma TGLS = 6-22,7-23]
		[Mixed Cell Focus TGLS = 5-21]
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 3-25,4-24]
* Lymph Node, Mesenteric	Atrophy	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 6

SEX: Male

DAY ON TEST: 540

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Kidney	Metaplasia	Osseous, Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-21]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112	TRT#: 6	SEX: Male	DAY ON TEST: 729
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: 105717

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatoblastoma TGLS = 3-7]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 6

SEX: Male

DAY ON TEST: 256

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-22,4-22]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Glandular		Erosion	Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 6

SEX: Male

DAY ON TEST: 725

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: 105719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Spinal Cord	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Brain	* Nose	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Cyst	Moderate
		Histiocytic Sarcoma	
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
Note: HISTIOCYTIC SARCOMA IS PRESENT ON SLIDES 6, 21, AND 22.			
* Lymph Node, Mesenteric		Atrophy	Moderate
Peripheral Nerve		Atrophy	Minimal
* Preputial Gland		Histiocytic Sarcoma	
* Skin		Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114	TRT#: 6	SEX: Male	DAY ON TEST: 725
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: 105719

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular [Erosion TGLS = 8-23]		Edema Erosion	Mild Mild
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hemangiosarcoma;Liver	Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Harderian Gland		Cyst	Marked
[Cyst TGLS = 5-12]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-23]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-22,6-24]			
[Hepatocellular Carcinoma TGLS = 1-21]			
[Mixed Cell Focus TGLS = 6-24]			
* Lung		Infiltration Cellular	Histiocyte, Marked
Note: HISTIOCYTES (ALVEOLAR MACROPHAGES) CONTAIN HEMOSIDERIN PIGMENT.			
[Infiltration Cellular TGLS = 4-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105720

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 3-21,4-6,5-22]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5,6-23]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-6]			
* Thymus			
Note: THYMUS PRESENT ON SLIDES 2 AND 3.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adren Cortex			
Note: CYST IN ADRENAL CORTEX; MORPHOLOGY UNAVAILABLE ON TDMS.			
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Minimal Minimal
* Liver		Clear Cell Focus Necrosis	Focal, Marked
[Clear Cell Focus TGLS = 1-6]			
[Necrosis TGLS = 2-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Mild
<p>Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 21, AND 23. [Hepatocellular Adenoma TGLS = 4-21,6-23] [Hepatocellular Carcinoma TGLS = 5-22]</p>			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 2-6]	
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
		[Clear Cell Focus TGLS = 1-6]	
		[Hepatocellular Adenoma TGLS = 1-6,4-23]	
		[Mixed Cell Focus TGLS = 2-21,3-22]	
		[Vacuolization Cytoplasmic TGLS = 1-6]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 3-22]	
		[Hepatocellular Carcinoma TGLS = 3-22]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 121

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Thymus

OBSERVATIONS

- | | | | |
|------------------------------------------|--------------|---------------------------|----------|
| * Kidney | Renal Tubule | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| * Liver | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [Vacuolization Cytoplasmic TGLS = 2-6] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 6

SEX: Male

DAY ON TEST: 683

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow		Infiltration Cellular	Histiocyte, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Diffuse, Mild
		Hydronephrosis	Mild
		Mineralization	Moderate
	[Hydronephrosis TGLS = 4-5]		
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-21]		
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urin Bladder			

Note: URINARY BLADDER MARKEDLY DILATED; MORPHOLOGY UNAVAILABLE ON TDMS.

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123	TRT#: 6	SEX: Male	DAY ON TEST: 730
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: 105728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Cyst	Moderate
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 3-23,4-6]		
	[Mixed Cell Focus TGLS = 1-21,2-22,5-24]		
	[Vacuolization Cytoplasmic TGLS = 4-6]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124	TRT#: 6	SEX: Male	DAY ON TEST: 731
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: 105729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Nose	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 6

SEX: Male

DAY ON TEST: 701

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: 105730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-6]			
Peripheral Nerve		Atrophy	Minimal
Skeletal Muscle		Atrophy	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-22]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland	Adenoma	
* Intestine Small, Jejunum [Carcinoma TGLS = 4-24]	Carcinoma	
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
Note: THE HEPATOCELLULAR ADENOMA ON SLIDE 21 IS LARGE, BUT LACKS TYPICAL ANAPLASIA ASSOCIATED WITH HEPATOCELLULAR CARCINOMA.		
Note: A PORTION OF THE HEPATOCELLULAR ADENOMA ON SLIDE 24 APPEARS TO BE PRESENT ON SLIDE 6.		
		[Clear Cell Focus TGLS = 3-23]
		[Hepatocellular Adenoma TGLS = 1-21,2-22]
* Lung	Alveolar/Bronchiolar Adenoma	
Note: ALVEOLAR/BRONCHIOLAR ADENOMA IS DETACHED FROM REST OF LUNG.		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 5-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mild
Note: MIXED CELL INFILTRATE INCLUDES NUMEROUS HEMOSIDERIN-CONTAINING MACROPHAGES. [Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Adenoma TGLS = 5-22]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Testes	Germinal Epith	Atrophy	Moderate
Note: TESTICULAR ATROPHY IS UNILATERAL.			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 6

SEX: Male

DAY ON TEST: 472

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Marked
[Hepatocellular Carcinoma TGLS = 3-6,4-6]		
[Necrosis TGLS = 2-21]		
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Moderate
* Urin Bladder		

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 6

SEX: Male

DAY ON TEST: 613

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

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* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	Centrilobular Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 3-21,4-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Thrombosis	Marked
* Lymph Node, Mandibular	Atrophy	Mild
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-6]		
[Hepatocellular Carcinoma TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 1-21,5-23]			
[Mixed Cell Focus TGLS = 2-22]			
[Vacuolization Cytoplasmic TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 9-12]			
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Moderate
[Hemangiosarcoma TGLS = 3-21,4-22,5-23]			
[Hepatocellular Adenoma TGLS = 7-25,8-6]			
[Hepatocellular Carcinoma TGLS = 6-24]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 2-6]			
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105737

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 6

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum	Carcinoma	
	Hyperplasia	Lymphoid, Mild
[Carcinoma TGLS = 8-26]		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatoblastoma	
	Hepatocellular Carcinoma	Multiple
Note: CLEAR CELL FOCUS IS ON SLIDE 23.		
[Hepatoblastoma TGLS = 7-25]		
[Hepatocellular Carcinoma TGLS = 2-21,3-22,4-6,5-23,6-24]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicle	Degeneration
		Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Focal, Mild
[Hyperplasia TGLS = 2-10]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 6

SEX: Male

DAY ON TEST: 673

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-21]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 6

SEX: Male

DAY ON TEST: 620

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
Note: THE LESIONS ON SLIDES 22 AND 24 ARE MARKEDLY NECROTIC. [Hepatocellular Carcinoma TGLS = 2-22,3-23,4-24]			
* Lung		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 6

SEX: Male

DAY ON TEST: 620

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105742

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138 **TRT#:** 6 **SEX:** Male **DAY ON TEST:** 731
DOSE: 20 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 5-25]			
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	

Note: THE MIXED CELL FOCUS IS ON SLIDE 26. HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 23, AND 26.

[Hepatoblastoma TGLS = 1-21]

[Hepatocellular Adenoma TGLS = 3-23,6-26]

[Hepatocellular Carcinoma TGLS = 1-21,2-22,4-24]

* Lung		Foreign Body	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Carcinoma	

Note: CARCINOMA APPEARS TO BE IN A VERY EARLY STAGE.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 2-6]		
	[Hepatocellular Adenoma TGLS = 1-21,2-6,3-22]		
	[Vacuolization Cytoplasmic TGLS = 2-6]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140

TRT#: 6

SEX: Male

DAY ON TEST: 639

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: 105745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Focal, Moderate
	[Hepatocellular Adenoma TGLS = 2-22]		
	[Hepatocellular Carcinoma TGLS = 1-21,3-23]		
	[Necrosis TGLS = 2-22]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-24,5-24,6-2,7-2,8-2,9-2]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 4-23]			
[Eosinophilic Focus TGLS = 2-21,4-23]			
[Hepatocellular Adenoma TGLS = 1-6,3-22,4-23]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 6

SEX: Male

DAY ON TEST: 631

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	Multiple
	Centrilobular	Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Moderate
Note: HEPATOBLASTOMA IS PRESENT ON SLIDES 6, 22, 23, AND 24.			
			[Hepatoblastoma TGLS = 4-24,5-22,6-23]
			[Necrosis TGLS = 3-21]
* Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 1-6]
* Stomach, Forestomach		Squamous Cell Carcinoma	
			[Squamous Cell Carcinoma TGLS = 4-24,7-4]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 6

SEX: Male

DAY ON TEST: 631

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: 105747

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH

- Stomach;Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 6

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-21,2-22,5-25]	
	[Hepatocellular Carcinoma TGLS = 6-26]	
	[Mixed Cell Focus TGLS = 3-23,4-24]	
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple
	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 8-27,9-28]	
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatoblastoma TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 1-21,3-23,4-24]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Hemangioma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 11-12]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-21,4-22,5-23,6-24,8-26,9-27,10-28]			
[Hepatocellular Carcinoma TGLS = 7-25]			
[Mixed Cell Focus TGLS = 2-6]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-22]			
[Eosinophilic Focus TGLS = 5-23]			
[Hemangiosarcoma TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 1-21,2-22]			
[Mixed Cell Focus TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 6

SEX: Male

DAY ON TEST: 318

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: 105752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-6]			
Spinal Cord		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Spinal Cord Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105753

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Hyperplasia	Focal, Mild
		Cyst	Moderate
* Liver		Nephropathy	Minimal
		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 1-6]		
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
	[Vacuolization Cytoplasmic TGLS = 1-6]		
* Nose		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: 105755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: THE BASOPHILIC FOCUS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 1-21,2-22] [Vacuolization Cytoplasmic TGLS = 3-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 648

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Centrilobular	Necrosis	Moderate
	[Eosinophilic Focus TGLS = 5-24]		
	[Hepatoblastoma TGLS = 2-21]		
	[Hepatocellular Adenoma TGLS = 6-6]		
	[Hepatocellular Carcinoma TGLS = 3-22,4-23]		
	[Necrosis TGLS = 7-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 8-2]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Moderate
* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Minimal
Note: HEMANGIOSARCOMA APPEARS TO BE IN AN EARLY STAGE.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
[Cyst TGLS = 1-25]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 5-23,6-24]			
[Hepatocellular Carcinoma TGLS = 3-22]			
[Mixed Cell Focus TGLS = 2-21,4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
	Cornea	Hyperplasia	Minimal
* Harderian Gland		Carcinoma	
Note: A PORTION OF THE HARDERIAN GLAND CARCINOMA IS ON SLIDE 44. [Carcinoma TGLS = 4-12]			
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6,3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCUS IS ON SLIDE 21. [Hepatocellular Adenoma TGLS = 1-6,2-21] [Vacuolization Cytoplasmic TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-6]		
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Tension Lipidosis	
Note: EOSINOPHILIC FOCI ARE ON SLIDE 21. [Hepatocellular Adenoma TGLS = 2-6] [Mixed Cell Focus TGLS = 1-6,5-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2] [Infiltration Cellular TGLS = 4-2]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 586

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 2-21,3-22,4-23]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
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AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Int Lg Colon			
Note: COLON IS PRESENT ON SLIDE 5.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 7-22,8-2]		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 9-23]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-24]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158	TRT#: 7	SEX: Male	DAY ON TEST: 688
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 105763

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma;Spleen	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple

Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 21, 22, AND 25. HEPATOCELLULAR CARCINOMAS ARE ON SLIDES 6, 21, 23, AND 24.

[Hepatocellular Adenoma TGLS = 2-22,5-25]

[Hepatocellular Carcinoma TGLS = 1-21,3-23,4-24]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
Note: EOSINOPHILIC FOCUS IS ON SLIDE 24.			
[Clear Cell Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 1-21,2-22,3-23,5-6,6-24]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
* Parathyroid Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 21.			
			[Hepatocellular Adenoma TGLS = 2-21]
			[Vacuolization Cytoplasmic TGLS = 4-23]
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
			[Alveolar/Bronchiolar Carcinoma TGLS = 3-22]
* Nose		Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Chronic, Mild
			[Inflammation TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105766

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]	Vacuolization Cytoplasmic	Moderate
* Nose		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Focal, Mild
* Kidney		Cyst	Moderate
		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 3-22,4-23,5-24,7-26]		
	[Hepatocellular Carcinoma TGLS = 1-21,2-6]		
	[Mixed Cell Focus TGLS = 6-25]		
* Nose		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Osteopetrosis TGLS = 5-24]	Cranium	Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver [Eosinophilic Focus TGLS = 6-25] [Hepatocellular Adenoma TGLS = 3-22,4-23] [Hepatocellular Carcinoma TGLS = 2-21]		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
* Lung Peripheral Nerve		Hemorrhage Atrophy	Minimal Mild
* Preputial Gland [Cyst TGLS = 1-8] [Inflammation TGLS = 1-8]		Cyst Inflammation	Moderate Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 493

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-21]	Necrosis	Moderate
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Atrophy	Moderate
		Cyst	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 731
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Esophagus		
Note: MODERATE SUBMUCOSAL EDEMA IN ESOPHAGUS; MORPHOLOGY UNAVAILABLE ON TDMS.		
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 24.		
	[Eosinophilic Focus TGLS = 2-21]	
	[Hepatocellular Adenoma TGLS = 5-24]	
	[Hepatocellular Carcinoma TGLS = 3-22,4-23,6-25,7-26,8-27]	
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple
	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 9-28,10-2]	
* Spleen	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]	
* Thyroid Gland	Follicular Cel	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 712

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 2-22]		Infiltration Cellular	Histiocyte, Marked
[Infiltration Cellular TGLS = 3-2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 7-12]		
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22,3-6,6-6]		
[Hepatocellular Carcinoma TGLS = 1-21,4-6,5-23]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mixed Cell, Moderate
		Necrosis	Focal, Mild
Note: HEPATOCELLULAR CARCINOMAS ARE PRESENT ON SLIDES 6, 22, AND 23. [Hepatocellular Carcinoma TGLS = 4-22,5-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Pancreas		Thrombosis	Marked
[Thrombosis TGLS = 3-21]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 105774

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Necrosis	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Necrosis TGLS = 2-6]			
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow	Hyperplasia	Mild
* Intestine Small, Jejunum	Hyperplasia	Lymphoid, Moderate
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 5-23,6-6]		
[Hepatocellular Carcinoma TGLS = 4-25]		
[Mixed Cell Focus TGLS = 3-22,7-24]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-5]		
* Spleen	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 1-21]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CELL FOCUS IS ON SLIDE 22.			
[Hepatocellular Adenoma TGLS = 2-22,3-23,4-24,5-25]			
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 729
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-21]		
	[Mixed Cell Focus TGLS = 1-6]		
* Preputial Gland		Cyst	Moderate
* Stomach, Forestomach		Edema	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 105778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung	Bronchus	Hyperplasia	Marked
Note: MATERIAL WITHIN LUMEN OF BRONCHUS THAT RESEMBLES HYPERPLASTIC, DESQUAMATED BRONCHIAL EPITHELIUM.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 690

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Carcinoma	
[Carcinoma TGLS = 10-12]		
* Heart	Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-3]		
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Minimal
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON 6, 21, 22, AND 24.		
[Hemangiosarcoma TGLS = 4-21]		
[Hepatocellular Adenoma TGLS = 5-22,7-24,8-6]		
[Hepatocellular Carcinoma TGLS = 6-23,8-6]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]		
Skeletal Muscle	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 7	SEX: Male	DAY ON TEST: 690
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 105780

ORGAN AND ACCOUNTABLE SITE STATUS

Spinal Cord			
Note: TWO FOCI OF CHRONIC ACTIVE INFLAMMATION IN VERTEBRAL CANAL ADJACENT TO SPINAL CORD SECTION ON SLIDE 41 (NOT TABULATED).			
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Thymus		Atrophy	Moderate
		Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Carcinoma; Liver Hemangiosarcoma; Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 526

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 5-21]			
[Hyperplasia TGLS = 6-22]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-3]			
[Lymphoma Malignant TGLS = 7-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 526

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105781

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
[Lymphoma Malignant TGLS = 1-6]

Lymphoma Malignant

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 513

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Eye		Carcinoma	Metastatic (Harderian Gland)
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-12]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 4-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Carcinoma	Metastatic (Harderian Gland)
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Atrophy	Moderate
		Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
<p>Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 21, AND 23.</p> <p>[Hemangiosarcoma TGLS = 1-21]</p> <p>[Hepatocellular Adenoma TGLS = 3-23]</p> <p>[Hepatocellular Carcinoma TGLS = 2-22]</p>			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]	
		[Infiltration Cellular TGLS = 4-2]	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Multiple
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	Multiple
* Bone Marrow		Hyperplasia	Moderate
* Int Sm Ileum			
Note: ILEUM IS ON SLIDE 7.			
* Kidney	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Moderate
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Moderate
[Hepatoblastoma TGLS = 2-21,3-22]			
[Hepatocellular Adenoma TGLS = 4-23,5-24,6-25,7-6]			
* Lung		Hepatoblastoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1-21,4-6,5-23]		
	[Mixed Cell Focus TGLS = 2-22,6-6]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Cyst	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Cyst TGLS = 6-25]		
	[Hepatocellular Adenoma TGLS = 2-21,3-22,4-23,5-24]		
	[Necrosis TGLS = 7-26]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8]		
	[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 2-21,3-22,7-6]	
		[Hepatocellular Carcinoma TGLS = 5-24,6-25]	
		[Mixed Cell Focus TGLS = 4-23]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-10]	
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Islets, Pancreatic [Adenoma TGLS = 1-25]	Adenoma	Multiple
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
Note: CLEAR CELL FOCUS IS ON SLIDE 24. [Hepatoblastoma TGLS = 4-6] [Hepatocellular Adenoma TGLS = 5-22,6-23,7-24,8-6] [Hepatocellular Carcinoma TGLS = 3-21]		
* Seminal Vesicle [Inflammation TGLS = 2-7]	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 485

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	Multiple
	Centrilobular	Mixed Cell Focus	
	[Hepatocellular Carcinoma TGLS = 2-22,3-23]	Necrosis	Mild
	[Mixed Cell Focus TGLS = 1-21]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, 23, AND 26. [Hepatocellular Adenoma TGLS = 2-22,3-23,6-26] [Hepatocellular Carcinoma TGLS = 1-21,4-24]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 5-25]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Note: MIXED CELL FOCI ARE ON SLIDES 6 AND 21.			
[Clear Cell Focus TGLS = 3-23]			
[Hepatocellular Adenoma TGLS = 2-22,3-23]			
[Mixed Cell Focus TGLS = 1-21]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 105793

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 6 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Kidney	Cyst	Moderate
	Infiltration Cellular	Lymphocyte, Moderate
	Metaplasia	Osseous, Mild
	Nephropathy	Moderate
[Cyst TGLS = 3-24]		
[Infiltration Cellular TGLS = 2-5]		
[Nephropathy TGLS = 2-5]		
* Liver	Eosinophilic Focus	
	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	Necrosis	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 22 AND 23.		
[Hepatocellular Adenoma TGLS = 6-22]		
[Hepatocellular Carcinoma TGLS = 5-21,7-23]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105794

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Hepatoblastoma	Multiple
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
Note: HEPATOBLASTOMA AND HEPATOCELLULAR CARCINOMA ARE PRESENT ON SLIDE 25.		
	[Basophilic Focus TGLS = 4-22]	
	[Hepatoblastoma TGLS = 6-24,7-25]	
	[Hepatocellular Adenoma TGLS = 3-21]	
	[Hepatocellular Carcinoma TGLS = 5-23,7-25]	
* Spleen	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]	

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 1-6]			
[Hepatocellular Adenoma TGLS = 2-21,3-22]			
[Hepatocellular Carcinoma TGLS = 4-23]			
[Mixed Cell Focus TGLS = 1-6]			
[Vacuolization Cytoplasmic TGLS = 1-6]			
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 105797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
 Note: MIXED CELL FOCI ARE ON SLIDES 23 AND 24. [Clear Cell Focus TGLS = 1-6] [Hepatocellular Adenoma TGLS = 2-21,3-22,5-24,6-25,8-27] [Hepatocellular Carcinoma TGLS = 7-26] [Mixed Cell Focus TGLS = 4-23]		
* Salivary Glands	Atrophy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-23]		
[Hepatocellular Adenoma TGLS = 2-22,4-24]		
* Lung	Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Infarct	Marked
	Infiltration Cellular	Lymphocyte, Marked
	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
[Cyst TGLS = 1-27]		
[Infarct TGLS = 1-27,2-5]		
* Liver	Eosinophilic Focus	
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
[Hepatoblastoma TGLS = 6-24,7-25]		
[Hepatocellular Adenoma TGLS = 3-21,4-22,5-23,6-24,7-25]		
[Hepatocellular Carcinoma TGLS = 8-26]		
[Mixed Cell Focus TGLS = 9-6]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
<p>Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, 24, AND 25. [Hepatocellular Adenoma TGLS = 2-22,5-24,6-25] [Hepatocellular Carcinoma TGLS = 1-21,3-23]</p>			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]	
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
		Hemorrhage	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 11-25,12-26,13-27,14-28,15-29]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
		Lymphoma Malignant	
	[Alveolar/Bronchiolar Adenoma TGLS = 18-30]		
	[Hemorrhage TGLS = 17-2]		
	[Lymphoma Malignant TGLS = 17-2]		
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105801

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-8]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 16-3]			
[Lymphoma Malignant TGLS = 6-23]			
[Lymphoma Malignant TGLS = 2-21]			
[Lymphoma Malignant TGLS = 7-24]			
[Lymphoma Malignant TGLS = 8-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: THE "MALIGNANT LYMPHOMA" IS ACTUALLY A PLASMA CELL TUMOR (MORPHOLOGY UNAVAILABLE IN TDMS FOR SEVERAL ORGANS).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 708

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 9-27]			
[Hepatocellular Adenoma TGLS = 6-24,8-26,10-6]			
[Hepatocellular Carcinoma TGLS = 7-25]			
[Lymphoma Malignant TGLS = 11-6]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 13-3]			
[Lymphoma Malignant TGLS = 12-28]			
[Lymphoma Malignant TGLS = 5-23]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197	TRT#: 7	SEX: Male	DAY ON TEST: 708
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 105802

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Moderate
	[Lymphoma Malignant TGLS = 2-21]		
	[Necrosis TGLS = 2-21]		
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Spleen	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple

Note: EOSINOPHILIC FOCUS IS ON SLIDE 21. HEPATOCELLULAR ADENOMAS ARE ON SLIDES 21,22, AND 23.

[Hepatocellular Adenoma TGLS = 1-21,2-22]

[Hepatocellular Carcinoma TGLS = 3-6,4-23]

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 10-27]			
* Kidney		Cyst	Moderate
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemorrhage	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
Note: HEMORRHAGE IS ON SLIDE 23.			
[Clear Cell Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6,6-24]			
[Hepatoblastoma TGLS = 4-6,7-25]			
[Hepatocellular Adenoma TGLS = 1-21,2-22,3-23,5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 8-26]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105804

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mixed Cell, Mild
<p>Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6 AND 21. [Hepatoblastoma TGLS = 3-22] [Hepatocellular Adenoma TGLS = 4-21]</p>			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
* Thymus		Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:30

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Harderian Gland	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	Moderate
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Lymphoma Malignant	
	Squamous Cell Papilloma	
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 2-4]		
* Urin Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus [Hyperplasia TGLS = 1-7]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Salivary Glands	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Moderate
* Liver		Infiltration Cellular	Mixed Cell, Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 5-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Bone	Fibrosis	Mild
* Harderian Gland	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
* Liver	Hepatocellular Adenoma	Multiple
	Lymphoma Malignant	
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22.		
[Hepatocellular Adenoma TGLS = 4-22]		
[Lymphoma Malignant TGLS = 5-6]		
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Hemorrhage	Marked
	Lymphoma Malignant	
[Hemorrhage TGLS = 3-21]		
* Ovary	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Lymphoma Malignant TGLS = 2-6]		
* Thymus	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 105808

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 1-7]

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Eye	Cornea	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
	Glomerulus	Metaplasia	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 589
HISTO: 105810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 7-23]			
* Brain		Cyst Epithelial Inclusion	
Note: THE CYST IS LINED BY A SINGLE LAYER OF CUBOIDAL EPITHELIUM.			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 8-2]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-21]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
Peripheral Nerve		Atrophy	Mild
Spinal Cord		Osteosarcoma	Metastatic (Bone)
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Lung Osteosarcoma Bone

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 727
HISTO: 105811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 5-21,6-6]			
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-22]			
[Lymphoma Malignant TGLS = 9-25]			
[Lymphoma Malignant TGLS = 7-24]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-23]			
[Lymphoma Malignant TGLS = 1-23,2-23]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: THE MALIGNANT LYMPHOMA HAS FEATURES OF PLASMA CELL TUMOR IN SOME AREAS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 1-12]	Adenoma	
* Uterus [Hyperplasia TGLS = 2-7]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 565
HISTO: 105813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Marked
* Eye		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 4-22]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-21]			
* Liver		Hematopoietic Cell Proliferation	Mild
* Nose		Carcinoma	Metastatic (Harderian Gland)
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO: 105814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Marked
* Kidney		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 3-5]		
* Liver		Hematopoietic Cell Proliferation	Moderate
	[Hepatocellular Adenoma TGLS = 5-22]	Hepatocellular Adenoma	
	[Hepatocellular Carcinoma TGLS = 4-21]	Hepatocellular Carcinoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Glandular		Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 105816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 4-21]			
* Spleen		Accessory Spleen	
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 220

DOSE: 0 MG/KG

DISP: Accidentally Killed

HISTO: 105817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Duodenum

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 3-12]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 3-22]			
[Hepatocellular Adenoma TGLS = 2-21,4-23,6-24]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 733
HISTO: 105821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
	[Lymphoma Malignant TGLS = 11-6]		
	[Vacuolization Cytoplasmic TGLS = 11-6]		
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Hemorrhage	Marked
	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Hemorrhage TGLS = 8-23]		
	[Lymphoma Malignant TGLS = 9-3]		
	[Lymphoma Malignant TGLS = 4-7]		
	[Lymphoma Malignant TGLS = 2-8]		
	[Lymphoma Malignant TGLS = 7-22]		
	[Lymphoma Malignant TGLS = 13-2]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105821

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 8-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 14-7]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
		Necrosis	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-3]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 547
HISTO: 105822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Liver		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 2-7]			
[Lymphoma Malignant TGLS = 3-21]			
[Lymphoma Malignant TGLS = 7-3]			
[Lymphoma Malignant TGLS = 8-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 547

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105822

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney [Infarct TGLS = 4-5,4-22]		Infarct	Marked
* Liver [Hepatocellular Adenoma TGLS = 5-6]		Hepatocellular Adenoma	
Mesentery [Necrosis TGLS = 1-21]	Fat	Necrosis	Moderate
* Ovary [Cyst TGLS = 2-7]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus [Hyperplasia TGLS = 3-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Infarct	Minimal
		Nephropathy	Minimal
		Clear Cell Focus	
* Liver			
[Clear Cell Focus TGLS = 3-22]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Gliosis	Mild
* Kidney		Infarct	Moderate
		Lymphoma Malignant	
		Nephropathy	Minimal
[Infarct TGLS = 6-5]			
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-3]			
[Lymphoma Malignant TGLS = 2-7]			
[Lymphoma Malignant TGLS = 7-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Lymphoma Malignant	
* Salivary Glands		Atrophy	Mild
		Lymphoma Malignant	
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 9-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 105825
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-7,5-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 471

DOSE: 0 MG/KG

DISP: Accidentally Killed

HISTO: 105826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 672
HISTO: 105827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Histiocytic Sarcoma	
		Mineralization	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
* Liver	Centrilobular	Histiocytic Sarcoma	
		Necrosis	Marked
		[Histiocytic Sarcoma TGLS = 11-6]	
		[Necrosis TGLS = 11-6]	
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Hemangioma	
	Iliac	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
		[Hemangioma TGLS = 12-3]	
		[Histiocytic Sarcoma TGLS = 9-22]	
		[Histiocytic Sarcoma TGLS = 10-23]	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Hemorrhage	Marked
		Histiocytic Sarcoma	
		[Hemorrhage TGLS = 3-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222	TRT#: 2	SEX: Female	DAY ON TEST: 672
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105827

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Skin		Edema	Moderate
	Subcut Tiss	Fibrosarcoma	
	[Edema TGLS = 1-8]		
	[Fibrosarcoma TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 7-6]		
	[Histiocytic Sarcoma TGLS = 7-6,8-6]		
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Moderate
		Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 4-7,6-7]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

Animal Note: MODERATE EDEMA IN SKELETAL MUSCLE (TGL 13-24); MORPHOLOGY UNAVAILABLE ON TDMS AND NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Hepatocellular Carcinoma	Metastatic (Liver)
* Bone Marrow	Hyperplasia	Mild
* Heart	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-12,8-12]		
* Kidney	Hepatocellular Carcinoma	Metastatic (Liver)
* Liver	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Mild
	Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 4-22]		
* Lung	Hemorrhage	Moderate
	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-2,9-2,10-2,11-24,12-2,13-2,14-2,14-25]		
Lymph Node	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-21]		
* Lymph Node, Mandibular	Pigmentation	Moderate
* Lymph Node, Mesenteric	Atrophy	Mild
* Mammary Gland	Hyperplasia	Mild
* Ovary	Cyst	Moderate
Skeletal Muscle	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-23]		
* Spleen	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 687 HISTO: 105828
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]

* Thymus		Atrophy	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 4.			
* Eye	Cornea	Hyperplasia Inflammation Adenoma	Mild Chronic, Mild
* Harderian Gland			
[Adenoma TGLS = 4-12]			
* Kidney	Glomerulus	Metaplasia Atrophy Myxosarcoma	Mild Minimal
Peripheral Nerve			
Skeletal Muscle			
[Myxosarcoma TGLS = 1-21]			
* Skin	Subcut Tiss	Myxosarcoma	
Note: SARCOMA ON SLIDES 21 AND 22 HAS FEATURES OF MYXOSARCOMA (STRONGLY POSITIVE FOR MUCIN WITH ALCIAN BLUE STAIN); MORPHOLOGY UNAVAILABLE FOR SKIN ON TDMS.			
[Myxosarcoma TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Kidney [Lymphoma Malignant TGLS = 3-5]	Lymphoma Malignant	
* Liver [Hepatocellular Adenoma TGLS = 2-21]	Hepatocellular Adenoma Lymphoma Malignant	
* Ovary	Hemorrhage	Mild
* Spleen	Lymphoma Malignant	
* Uterus [Hyperplasia TGLS = 1-7]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
		Eosinophilic Focus	
* Liver			
[Eosinophilic Focus TGLS = 3-22]			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-21]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
	[Hepatocellular Adenoma TGLS = 4-21]		
	[Histiocytic Sarcoma TGLS = 5-6]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Lymphoma Malignant Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 105834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
	[Hepatocellular Carcinoma TGLS = 4-22]		
	[Mixed Cell Focus TGLS = 5-6]		
	[Pigmentation TGLS = 5-6]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Note: MALIGNANT LYMPHOMA IS ON SLIDE 7.			
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1-21]		
* Ovary		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:30
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105834

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 3-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 443
HISTO: 105836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver	Hepatocyte	Necrosis Vacuolization Cytoplasmic	Focal, Minimal Mild
[Necrosis TGLS = 2-6]			
* Uterus		Hyperplasia Polyp Stromal	Cystic, Moderate
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Duodenum Note: METAPLASIA CONSISTS OF FOCUS OF PANCREATIC ACINAR CELLS IN MUCOSAL LAMINA PROPRIA.		Metaplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
* Liver [Eosinophilic Focus TGLS = 3-21]		Eosinophilic Focus	
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular		Cyst	Moderate
* Uterus [Hyperplasia TGLS = 1-7,2-7]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lymph Node, Mandibular		Pigmentation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Hyperplasia TGLS = 2-7]

[Polyp Stromal TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hepatocellular Adenoma Vacuolization Cytoplasmic	Multiple Moderate
	[Hepatocellular Adenoma TGLS = 1-21,2-22]		
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 684

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 105841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 7-24]			
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]		Sarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
* Ovary	Interstit Cell	Hyperplasia	Moderate
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21]		Ulcer	Marked
[Ulcer TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
* Thymus		Sarcoma	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 684 HISTO: 105841
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland Tissue NOS [Sarcoma TGLS = 5-23]	Follicle	Degeneration Sarcoma	Focal, Minimal Metastatic (Skin)
* Uterus [Angiectasis TGLS = 8-7] [Hyperplasia TGLS = 3-7]		Angiectasis Hyperplasia	Moderate Cystic, Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

Animal Note: SALIVARY GLAND AND MANDIBULAR LYMPH NODE ARE ON SLIDE 21.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland [Adenoma TGLS = 2-12]		Adenoma	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238	TRT#: 2	SEX: Female	DAY ON TEST: 622
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 105843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 4-22]		
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-21,3-22]		
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-22]			
* Lymph Node, Mandibular		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-22]		Infiltration Cellular	Histiocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follicle	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Fibrosis	Moderate
* Harderian Gland [Adenoma TGLS = 2-12]	Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 3-6]	Eosinophilic Focus Hepatocellular Adenoma	
* Ovary	Cystadenoma	
* Urin Bladder Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus [Hyperplasia TGLS = 1-7]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 681

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 105849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Inflammation	Acute, Mild
Note: BACTERIAL COLONIES WITHIN ATRIAL CHAMBERS.			
* Kidney		Inflammation	Suppurative, Minimal
Note: BACTERIAL COLONIES IN PAPILLA OF LEFT KIDNEY.			
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-23]			
[Lymphoma Malignant TGLS = 8-24]			
[Lymphoma Malignant TGLS = 6-25]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Skin		Ulcer	Marked
[Ulcer TGLS = 1-21,2-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 681 HISTO: 105849
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 5-6]	Hematopoietic Cell Proliferation	Moderate
* Uterus [Hyperplasia TGLS = 4-7]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Skin Ulcer

Animal Note: THE MALIGNANT LYMPHOMA IS ATYPICAL (VARIABLE SIZED NEOPLASTIC LYMPHOCYTES, MANY OF WHICH ARE QUITE SMALL).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrosis	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-22]		
	[Hepatocellular Adenoma TGLS = 3-6]		
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
		Metaplasia	Osseous, Moderate
	[Hyperplasia TGLS = 1-21]		
	[Inflammation TGLS = 1-21]		
	[Metaplasia TGLS = 1-21]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 105852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 670
HISTO: 105853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
Skeletal Muscle		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 6-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH - Skeletal Muscle Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 625
HISTO: 105854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 3-21]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 3-21]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 105855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Moderate
		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-21]			
[Lymphoma Malignant TGLS = 2-21]			
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: LESIONS OF MARKED PERIARTERITIS ON SLIDES 4 AND 7; NOT TABULATED AS BLOOD VESSEL IS NOT LISTED AS A PROTOCOL-REQUIRED ORGAN.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 6.			
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
	Renal	Hematopoietic Cell Proliferation	Mild
	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 5-23]		
	[Hematopoietic Cell Proliferation TGLS = 4-22]		
	[Lymphoma Malignant TGLS = 4-22]		
	[Lymphoma Malignant TGLS = 8-3]		
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Moderate
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1-21]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251	TRT#: 3 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 105856
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma Hyperplasia Adenoma	Moderate
* Islets, Pancreatic		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Mild Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Histiocytic Sarcoma Mixed Cell Focus	Multiple
		[Hepatocellular Adenoma TGLS = 4-22,5-23,6-24]	
		[Hepatocellular Carcinoma TGLS = 3-21]	
Lymph Node	Iliac Mediastinal Renal	Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 9-25]	
		[Histiocytic Sarcoma TGLS = 10-26]	
		[Histiocytic Sarcoma TGLS = 8-3]	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 7-5]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105857

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Histiocytic Sarcoma	
* Salivary Glands	Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 1-6]		
[Histiocytic Sarcoma TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 3

SEX: Female

DAY ON TEST: 689

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-22,4-23,5-24]	Hyperplasia	Moderate
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 7-2,8-2,9-2,10-2,11-2,12-2]	Infiltration Cellular	Histiocyte, Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255	TRT#: 3	SEX: Female	DAY ON TEST: 733
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO: 105860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
		Lymphoma Malignant	
* Liver			
[Lymphoma Malignant TGLS = 2-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Note: HEMORRHAGE IN LYMPH NODE CONTAINS A LARGE THROMBUS; MORPHOLOGY UNAVAILABLE ON TDMS.			
[Hemorrhage TGLS = 4-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Adenoma TGLS = 3-22]			
* Lymph Node, Mesenteric		Hemorrhage	Marked
[Hemorrhage TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 260

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Moderate
* Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 1-7]		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Cyst	Moderate
[Cyst TGLS = 5-22]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261

TRT#: 3

SEX: Female

DAY ON TEST: 737

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
<p>Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, AND 23. [Hepatocellular Adenoma TGLS = 4-22,5-23] [Hepatocellular Carcinoma TGLS = 3-21]</p>			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262

TRT#: 3

SEX: Female

DAY ON TEST: 737

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-21]	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]		
* Thymus	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263

TRT#: 3

SEX: Female

DAY ON TEST: 737

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Clitoral Gland	* Thymus
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OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 3-21]		Hyperplasia	Lymphoid, Moderate
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hemorrhage	Moderate
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 5-22]			
[Eosinophilic Focus TGLS = 4-6]			
[Hepatocellular Adenoma TGLS = 6-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 3

SEX: Female

DAY ON TEST: 446

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | |
|--------------------------|-------------------|
| * Lymph Node, Mandibular | * Salivary Glands |
|--------------------------|-------------------|

AUTO PRECLUDES DIAG.

- * Bone Marrow

OBSERVATIONS

- | | | | |
|--------------------------|------------------------------------------|----------------------------------|---------------|
| * Kidney | | Histiocytic Sarcoma | |
| | | Nephropathy | Minimal |
| * Liver | | Histiocytic Sarcoma | |
| | | Necrosis | Focal, Marked |
| | Hepatocyte | Vacuolization Cytoplasmic | Marked |
| | [Histiocytic Sarcoma TGLS = 3-22,4-6] | | |
| | [Necrosis TGLS = 3-22,4-6] | | |
| | [Vacuolization Cytoplasmic TGLS = 4-6] | | |
| * Lung | | Histiocytic Sarcoma | |
| * Lymph Node, Mesenteric | | Histiocytic Sarcoma | |
| Mesentery | Fat | Necrosis | Moderate |
| | [Necrosis TGLS = 2-21] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Thymus | | Histiocytic Sarcoma | |
| | [Histiocytic Sarcoma TGLS = 7-3] | | |

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265

TRT#: 3

SEX: Female

DAY ON TEST: 737

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Mild
* Islets, Pancreatic [Adenoma TGLS = 1-21]		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. [Eosinophilic Focus TGLS = 4-23] [Hepatocellular Adenoma TGLS = 3-22]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus [Hyperplasia TGLS = 2-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Gallbladder
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Carcinoma	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-22]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Minimal
	Mesentery	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-1]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
	[Hyperplasia TGLS = 5-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105871

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267

TRT#: 3

SEX: Female

DAY ON TEST: 540

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Mineralization	Minimal
* Intestine Large, Cecum		Edema	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
* Liver	Centrilobular	Histiocytic Sarcoma	
		Necrosis	Marked
	[Histiocytic Sarcoma TGLS = 5-6]		
	[Necrosis TGLS = 5-6]		
Lymph Node	Iliac	Hemorrhage	Mild
	Iliac	Histiocytic Sarcoma	
	Note: HEMORRHAGE IN ILIAC LYMPH NODE INCLUDES ERYTHROPHAGOCYTOSIS.		
	[Histiocytic Sarcoma TGLS = 6-21]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Cyst	Moderate
		Histiocytic Sarcoma	
	[Cyst TGLS = 3-7]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Histiocytic Sarcoma TGLS = 2-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267	TRT#: 3	SEX: Female	DAY ON TEST: 540
	DOSE: 2 MG/KG	DISP: Natural Death	HISTO: 105872

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Erosion	Mild
* Thymus	Histiocytic Sarcoma	
* Uterus	Histiocytic Sarcoma	
	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 4-22]		
[Hyperplasia TGLS = 7-7]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
<p>Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. [Eosinophilic Focus TGLS = 7-24] [Hepatocellular Adenoma TGLS = 3-22] [Mixed Cell Focus TGLS = 4-23]</p>			
* Mammary Gland		Hyperplasia	Moderate
<p>[Hyperplasia TGLS = 2-8]</p>			
* Pituitary Gland	Pars Distalis	Adenoma	
<p>[Adenoma TGLS = 6-1]</p>			
* Skin	Subcut Tiss	Sarcoma	
<p>[Sarcoma TGLS = 1-21]</p>			
* Spleen		Hematopoietic Cell Proliferation	Moderate
<p>[Hematopoietic Cell Proliferation TGLS = 5-6]</p>			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 3

SEX: Female

DAY ON TEST: 685

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 270

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Infarct	Mild
* Ovary		Angiectasis	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 3-21 IS A MESENTERIC CYST SURROUNDED BY A THIN RIM OF LYMPHOID TISSUE; MORPHOLOGY UNAVAILABLE ON TDMS AND NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 272

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Hepatocellular Carcinoma	Multiple
		Vacuolization Cytoplasmic	Mild
Note: THE HEPATOCELLULAR CARCINOMA ON SLIDE 22 IS MARKEDLY NECROTIC MAKING DIAGNOSIS PROBLEMATIC.			
		[Basophilic Focus TGLS = 4-6]	
		[Hepatocellular Carcinoma TGLS = 5-22,6-23]	
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Skin		Basal Cell Adenoma	
		[Basal Cell Adenoma TGLS = 1-21]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 2-6]	
* Uterus		Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 3-7]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 273

TRT#: 3
DOSE: 2 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO: 105878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Infarct	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
[Cyst TGLS = 2-5]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lung		Metaplasia	Osseous, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 3
DOSE: 2 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 681
HISTO: 105880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Focal, Mild
[Lymphoma Malignant TGLS = 7-24,8-25]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-7]			
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 5-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-5]			
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 3

SEX: Female

DAY ON TEST: 681

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105880

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach
[Lymphoma Malignant TGLS = 10-4]

Lymphoma Malignant

* Stomach, Glandular

Lymphoma Malignant

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 9-3]

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Angiectasis	Marked
[Angiectasis TGLS = 3-6]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Moderate
	[Hepatocellular Carcinoma TGLS = 4-21]		
* Lung		Hemorrhage Hepatocellular Carcinoma Pigmentation	Mild Metastatic (Liver) Moderate
* Lymph Node, Mandibular		Cyst	Moderate
* Ovary		Cytoplasmic Alteration	Minimal
* Salivary Glands	Submandibul GI	Infiltration Cellular Hematopoietic Cell Proliferation	Lymphocyte, Moderate Moderate
* Spleen			
	[Hematopoietic Cell Proliferation TGLS = 3-6]		
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: MODERATE PERIARTERITIS IN BLOOD VESSEL ON SLIDE 7 (BLOOD VESSEL IS A NONPROTOCOL-REQUIRED TISSUE)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: EOSINOPHILIC FOCI ARE ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 1-6,4-22] [Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follicle	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 279

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 21. [Hepatocellular Adenoma TGLS = 4-21]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-6] [Lymphoma Malignant TGLS = 1-6]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-3]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Moderate
* Harderian Gland		Hyperplasia	Focal, Moderate
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Nose		Inflammation	Chronic, Minimal
* Ovary		Cystadenoma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[Polyp Stromal TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281	TRT#: 3 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 105886
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Parathyroid Gland		Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 2-21]			
[Hepatocellular Carcinoma TGLS = 3-22]			
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Cyst	Moderate
* Skin	Subcut Tiss	Liposarcoma	
[Liposarcoma TGLS = 4-23]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 3-21]			
* Ovary		Angiectasis Cyst	Mild Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 3

SEX: Female

DAY ON TEST: 502

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
		Hyperplasia	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
* Liver		Histiocytic Sarcoma	
		Necrosis	Focal, Mild
	[Histiocytic Sarcoma TGLS = 5-6]		
	[Necrosis TGLS = 5-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]		
	[Histiocytic Sarcoma TGLS = 7-2]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Skin		Edema	Moderate
	[Edema TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 3
DOSE: 2 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 502
HISTO: 105889

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 3-21]
[Hyperplasia TGLS = 4-7]

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	Multiple
Note: HARDERIAN GLAND ADENOMAS APPEAR TO BE BILATERAL. [Adenoma TGLS = 3-12]			
* Islets, Pancreatic		Hyperplasia	Moderate
Note: ISLET HYPERPLASIA IS ON SLIDE 4.			
* Liver		Hepatocellular Carcinoma Infiltration Cellular	Mixed Cell, Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Lymph Node, Mesenteric [Hemorrhage TGLS = 2-21]		Hemorrhage	Marked
* Stomach, Forestomach		Diverticulum	
	Epithelium	Hyperplasia	Moderate
		Metaplasia	Hepatocyte, Mild
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288	TRT#: 3 DOSE: 2 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 618 HISTO: 105893
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Ovary [Cyst TGLS = 1-7]		Cyst	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 289

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290	TRT#: 3 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 105895
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
* Kidney		Infarct	Moderate
		Metaplasia	Osseous, Moderate
* Liver		Eosinophilic Focus	
* Lymph Node, Mandibular		Hemangiosarcoma	
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 5-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-21]		
* Nose		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7,2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 3

SEX: Female

DAY ON TEST: 456

DOSE: 2 MG/KG

DISP: Moribund Sacrifice

HISTO: 105897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland			
Note: CLITORAL GLAND WAS OBSCURED BY THE LIPOSARCOMA.			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Liposarcoma	Metastatic (Skin)
[Liposarcoma TGLS = 6-23,7-24,8-25]			
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Moderate
	Iliac	Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 5-22]			
[Hyperplasia TGLS = 5-22]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Skin	Subcut Tiss	Liposarcoma	
[Liposarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 3

SEX: Female

DAY ON TEST: 456

DOSE: 2 MG/KG

DISP: Moribund Sacrifice

HISTO: 105897

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Liposarcoma

Animal Note: METASTATIC LIPOSARCOMA IN INGUINAL LYMPH NODE ON SLIDE 8; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 3

SEX: Female

DAY ON TEST: 680

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Harderian Gland		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			
* Ovary		Cyst	Moderate
		Hemangioma	
[Cyst TGLS = 4-7]			
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 2-21]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-23]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney	Renal Tubule	Carcinoma	
[Carcinoma TGLS = 1-5]			
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-22]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 3

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 2-6]
			[Hepatocellular Carcinoma TGLS = 3-21,4-22]
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Inflammation	Chronic, Mild
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Thymus		Hyperplasia	Lymphoid, Mild
* Urin Bladder			
			Note: INFUSION ARTIFACT IN URINARY BLADDER.
* Uterus		Hyperplasia	Cystic, Moderate
			[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 3

SEX: Female

DAY ON TEST: 622

DOSE: 2 MG/KG

DISP: Natural Death

HISTO: 105901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Brain	* Nose	* Pituitary Gland	
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OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Moderate
		[Hemangiosarcoma TGLS = 7-24,8-25,9-26,10-27,11-28,12-29,13-30]	
		[Hepatocellular Adenoma TGLS = 14-31]	
		[Infiltration Cellular TGLS = 6-6]	
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
		[Hemangiosarcoma TGLS = 2-21,3-22]	
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Harderian Gland		Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Necrosis	Marked
		[Hematopoietic Cell Proliferation TGLS = 5-22]	
		[Lymphoma Malignant TGLS = 5-22]	
		[Necrosis TGLS = 5-22,6-21]	
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 2-7,3-7]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Minimal
* Harderian Gland		Hyperplasia	Focal, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Hemorrhage	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Infiltration Cellular	Lymphocyte, Moderate
Note: LYMPHOCYTE INFILTRATION IS ON SLIDE 22.			
			[Hepatocellular Adenoma TGLS = 4-21]
			[Hepatocellular Carcinoma TGLS = 5-22]
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
			[Necrosis TGLS = 6-23]
* Ovary	Corpus Luteum	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
			[Hematopoietic Cell Proliferation TGLS = 3-6]
			[Lymphoma Malignant TGLS = 3-6]
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Marked
			[Hyperplasia TGLS = 1-7,2-7]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO: 105905

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Kidney	Glomerulus	Metaplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia Hyperplasia	Moderate Moderate Moderate
* Islets, Pancreatic Note: ISLET HYPERPLASIA IS ON SLIDE 4.			
* Kidney	Glomerulus	Metaplasia Nephropathy Hepatocellular Adenoma	Minimal Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary [Angiectasis TGLS = 3-7]		Angiectasis	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland [Carcinoma TGLS = 4-3]	C Cell	Carcinoma	
* Uterus [Hyperplasia TGLS = 2-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 5-23,6-24]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-22]		
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Skin		Ulcer	Marked
	Note: SKIN APPEARS TO BE DENUDED DOWN TO THE TAIL VERTEBRA.		
	[Ulcer TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105908

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
		Lymphoma Malignant	
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
* Pancreas		Lymphoma Malignant	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 2-6]	
		[Lymphoma Malignant TGLS = 2-6]	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1-7]	

PRIMARY CAUSE OF DEATH -

Animal Note: TGL=3-6 No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305

TRT#: 5

SEX: Female

DAY ON TEST: 646

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: 105910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	Peripheral Nerve
* Pituitary Gland	Skeletal Muscle	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thyroid Gland	* Trachea
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
	Kupffer Cell	Hyperplasia	Moderate
		Tension Lipidosis	
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Schwannoma Malignant	
	[Fibrosarcoma TGLS = 1-23,2-21]		
	[Schwannoma Malignant TGLS = 3-22]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 4-22]			
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 5

SEX: Female

DAY ON TEST: 152

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

Blood Vessel

Note: MODERATE MINERALIZATION IN MEDIA OF AORTA.

* Kidney

Glomerulosclerosis
Nephropathy

Marked
Moderate

Note: THE GLOMERULOSCLEROSIS RESEMBLES AMYLOID.

* Lung

Mineralization

Moderate

Note: THE LUNG MINERALIZATION IS PRIMARILY IN THE BASEMENT MEMBRANE OF BRONCHI AND BRONCHIOLES.

* Lymph Node, Mandibular

Atrophy

Mild

* Lymph Node, Mesenteric

Atrophy

Moderate

* Stomach, Glandular

Mineralization

Mild

* Thymus

Atrophy

Moderate

* Urin Bladder

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Kidney Glomerulosclerosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 5

SEX: Female

DAY ON TEST: 643

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Glomerulosclerosis	Mild
	Infiltration Cellular	Lymphocyte, Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-6,4-6]		
* Lymph Node, Mandibular	Pigmentation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Mild
* Liver		Infiltration Cellular	Lymphocyte, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-23]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-3]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Marked
[Hemorrhage TGLS = 3-22]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: HEPATOCELLULAR ADENOMAS ARE PRESENT ON SLIDES 6, 22, 23, 24, AND 25. [Hepatocellular Adenoma TGLS = 2-21,3-22,4-23,5-24,6-25]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 314

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver	Hepatocyte	Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
	[Mixed Cell Focus TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-21]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-7]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315

TRT#: 5

SEX: Female

DAY ON TEST: 442

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Glomerulosclerosis	Mild
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder	Transit Epithe	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316	TRT#: 5	SEX: Female	DAY ON TEST: 520
	DOSE: 10 MG/KG	DISP: Accidentally Killed	HISTO: 105921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Adenoma	
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-21]		
[Hepatocellular Carcinoma TGLS = 2-22]		
* Lymph Node, Mandibular	Hemorrhage	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Adenoma	
Note: HARDERIAN GLAND ADENOMA IS ATYPICAL (EXTENSIVE VACUOLIZATION AND MILD TO MODERATE NECROSIS OF TUMOR CELLS). [Adenoma TGLS = 3-12]			
* Kidney	Glomerulus	Metaplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-21] [Mixed Cell Focus TGLS = 5-22]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Hepatocellular Adenoma TGLS = 5-23]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 3-21]	
* Ovary	Interstit Cell	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Lymphoma Malignant TGLS = 1-6,2-22]	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 4-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 3-22]		
	[Mixed Cell Focus TGLS = 5-24]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 5

SEX: Female

DAY ON TEST: 672

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Thrombosis	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-25]			
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
[Hepatocellular Carcinoma TGLS = 8-24]		Hepatocellular Carcinoma	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-26]			
[Lymphoma Malignant TGLS = 5-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-23]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 5

SEX: Female

DAY ON TEST: 672

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105925

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 5

SEX: Female

DAY ON TEST: 659

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: 105926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Moderate
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 4-22]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 7-23]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7,6-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Uterus		Hemangiosarcoma	
		Hyperplasia	Cystic, Marked

[Hemangiosarcoma TGLS = 3-21]
[Hyperplasia TGLS = 1-7,2-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
<p>Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 23, AND 24. [Hepatocellular Adenoma TGLS = 6-23,7-24,9-27] [Hepatocellular Carcinoma TGLS = 5-22,8-25]</p>			
* Lung		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Marked
<p>[Necrosis TGLS = 4-21]</p>			
* Ovary		Cystadenoma	Multiple
<p>[Cystadenoma TGLS = 2-7]</p>			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
<p>Note: INFUSION ARTIFACT IN URINARY BLADDER.</p>			
* Uterus		Hyperplasia	Cystic, Marked
<p>[Hyperplasia TGLS = 3-7]</p>			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 4-22]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 3-21]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
	[Hyperplasia TGLS = 2-6]		
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 3-1]			
* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]			
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Mild
* Harderian Gland		Hyperplasia	Focal, Mild
Note: MODERATE-SIZED THROMBUS IN HARDERIAN GLAND; MORPHOLOGY UNAVAILABLE ON TDMS.			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Mixed Cell Focus	
		[Eosinophilic Focus TGLS = 5-22]	
		[Hepatocellular Carcinoma TGLS = 6-23]	
* Lung		Thrombosis	Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Skin		Ulcer	Moderate
		[Ulcer TGLS = 7-24]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327	TRT#: 5 DOSE: 10 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 105932
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]		
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Dysplasia Hyperplasia	Mild Cystic, Marked
	[Dysplasia TGLS = 2-7] [Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 5

SEX: Female

DAY ON TEST: 618

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: 105933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 4-21]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Ovary		Cyst	Moderate
Peripheral Nerve		Atrophy	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
Skeletal Muscle		Atrophy	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 733
DOSE: 10 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 105934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Dilatation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Eye	Inflammation	Chronic, Minimal
Note: MODERATE GLIOSIS IN OPTIC NERVE OF ONE EYE; MORPHOLOGY UNAVAILABLE ON TDMS.		
* Harderian Gland	Adenoma	
[Adenoma TGLS = 12-12]		
* Kidney	Lymphoma Malignant	
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 8-24]		
Lymph Node	Iliac	Lymphoma Malignant
	Inguinal	Lymphoma Malignant
	Mediastinal	Lymphoma Malignant
	Renal	Lymphoma Malignant
[Lymphoma Malignant TGLS = 7-23]		
[Lymphoma Malignant TGLS = 10-26]		
[Lymphoma Malignant TGLS = 2-21]		
[Lymphoma Malignant TGLS = 11-3]		
[Lymphoma Malignant TGLS = 3-22]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]		
* Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330	TRT#: 5 DOSE: 10 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 105935
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-5] Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 9-25] * Pancreas		Cyst	Moderate
[Cyst TGLS = 5-7] * Salivary Glands	Submandibul GI	Cytoplasmic Alteration Lymphoma Malignant	Minimal
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-6] [Lymphoma Malignant TGLS = 4-6] * Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331

TRT#: 5

SEX: Female

DAY ON TEST: 586

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 3-21,4-22]			
[Hepatocellular Carcinoma TGLS = 5-23]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Mild
* Clitoral Gland	Duct	Dilatation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 4-1]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Dilatation	Minimal
* Eye		Cataract	Moderate
	Cornea	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
[Cataract TGLS = 1-44]			
[Hyperplasia TGLS = 1-44]			
[Inflammation TGLS = 1-44]			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: THE HEPATOCELLULAR CARCINOMA (SLIDE 22) IS MARKEDLY NECROTIC.			
[Hepatocellular Adenoma TGLS = 6-23]			
[Hepatocellular Carcinoma TGLS = 4-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			
Mesentery	Fat	Necrosis	Marked

Note: MESENTERIC FAT NECROSIS ON SLIDE 21 INCLUDES FIBROSIS AND ADHESIONS INVOLVING MESENTERY, ABDOMINAL WALL, KIDNEY, AND SPLEEN.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334	TRT#: 5 DOSE: 10 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 105939
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-21]

* Pancreas		Atrophy	Moderate
		Cyst	Moderate
Peripheral Nerve		Atrophy	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
* Islets, Pancreatic		Adenoma	
* Liver	Hepatocyte	Hepatocellular Carcinoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Carcinoma TGLS = 4-22,5-23]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-21]		
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Fibrosis	Moderate
* Clitoral Gland	Duct	Dilatation	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow Note: BONE MARROW NEGATIVE FOR MAST CELLS WITH TOLUIDINE BLUE STAIN.		Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus [Hyperplasia TGLS = 1-7]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Liver		Angiectasis	Marked
[Angiectasis TGLS = 3-21]		Clear Cell Focus	
		Eosinophilic Focus	
* Lymph Node, Mandibular		Pigmentation	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]		Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder		

MISSING

Peripheral Nerve

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Esophagus		Sarcoma	Metastatic (Skeletal Muscle)
* Eye			
Note: MODERATE GLIOSIS IN OPTIC NERVE OF ONE EYE; MORPHOLOGY UNAVAILABLE ON TDMS.			
* Kidney	Glomerulus	Metaplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 8-24]			
[Hepatocellular Adenoma TGLS = 7-23]			
Mesentery	Fat	Necrosis	Moderate
Note: ZONE OF CHRONIC INFLAMMATION AND FIBROSIS SURROUNDING THE FOCUS OF FAT NECROSIS; NOT TABULATED.			
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
Skeletal Muscle		Sarcoma	
Note: SARCOMA IS PRESENT IN SKELETAL MUSCLE ON SLIDES 9 AND 25.			
[Sarcoma TGLS = 9-25]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339	TRT#: 5	SEX: Female	DAY ON TEST: 736
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105944

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration Sarcoma	Focal, Mild Metastatic (Skeletal Muscle)
* Trachea		Sarcoma	Metastatic (Skeletal Muscle)
Note: METASTATIC SARCOMA IS VISIBLE IN TRACHEA ON SLIDE 2 WITH LUNG SECTION.			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 5

SEX: Female

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
* Islets, Pancreatic		Adenoma	
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Ovary		Hemorrhage	Mild
* Parathyroid Gland		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-6]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:31

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 341

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Dilatation	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Ovary	Interstitial Cell	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL=4-22 No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105948

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 5

SEX: Female

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Dilatation	Minimal
* Eye		Cataract	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-12]			
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
[Lymphoma Malignant TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344	TRT#: 5	SEX: Female	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105949

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 508
DOSE: 10 MG/KG **DISP:** Natural Death **HISTO:** 105950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Pancreas		Atrophy	Marked
		Cyst	Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Glomerulus	Metaplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-21]		
	[Hepatocellular Adenoma TGLS = 5-22]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-23]		
* Lymph Node, Mandibular		Pigmentation	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-7,2-7,3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: 105952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Centrilobular	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 4-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: 105953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	Mesentery	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4-21]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lung		Hemorrhage	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
Skeletal Muscle		Sarcoma	
Note: THE LESION TABULATED AS SKELETAL MUSCLE SARCOMA HAS FEATURES OF MYXOSARCOMA; MORPHOLOGY UNAVAILABLE ON TDMS. [Sarcoma TGLS = 1-21]			
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: 105955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia Hyperplasia	Mild Mild Moderate
* Mammary Gland [Hyperplasia TGLS = 1-8]			
* Pituitary Gland [Adenoma TGLS = 3-1]	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration Hematopoietic Cell Proliferation	Minimal Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus [Hyperplasia TGLS = 2-7]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 577

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland	Duct	Dilatation	Moderate
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
Note: MARKED GLYCOGEN DEPLETION IN LIVER; NOT TABULATED.			
		[Eosinophilic Focus TGLS = 2-6]	
		[Mixed Cell Focus TGLS = 2-6]	
* Lung		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-21]	
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352	TRT#: 8	SEX: Female	DAY ON TEST: 654
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 105957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-7]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Hemorrhage	Mild
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate

Note: THE HISTIOCYTIC SARCOMA APPEARS TO BE IN AN EARLY STAGE.

[Histiocytic Sarcoma TGLS = 4-7]

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH	- Islets, Pancreatic Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Uterus Histiocytic Sarcoma

Animal Note: TGL 5 APPEARS TO BE NORMAL ANATOMIC STRUCTURE (NO LUNG EVIDENT IN SECTION).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 463

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Islets, Pancreatic	* Ovary
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OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-21]		
* Nose		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrosis	Mild
* Clitoral Gland	Duct	Dilatation	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Ovary		Angiectasis	Moderate
		Hemangioma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Glomerulus	Metaplasia Nephropathy	Mild Minimal
* Liver		Hepatocellular Adenoma Mixed Cell Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 3-22,4-23] [Mixed Cell Focus TGLS = 2-21]			
* Ovary		Cyst	Moderate
		[Cyst TGLS = 1-7]	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Minimal
* Harderian Gland		Hyperplasia	Focal, Mild
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Hemorrhage	Mild
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul Gl	Cytoplasmic Alteration	Mild
* Spleen	Red Pulp	Hyperplasia	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Minimal

[Angiectasis TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Moderate
* Kidney	Glomerulus	Metaplasia	Mild
* Liver	Hepatocyte	Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMA AND FOCI OF CELLULAR ALTERATION PRESENT ON SLIDE 6. [Eosinophilic Focus TGLS = 4-23] [Mixed Cell Focus TGLS = 3-22]			
* Lymph Node, Mesenteric		Hemorrhage	Marked
[Hemorrhage TGLS = 2-21]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
[Dilatation TGLS = 1-8]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 2-7]			
[Polyp Stromal TGLS = 3-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Mild
* Clitoral Gland	Duct	Dilatation	Mild
* Kidney	Glomerulus	Metaplasia	Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
* Kidney	Glomerulus	Metaplasia	Minimal
		Nephropathy	Mild
* Salivary Glands	Submandibul Gl	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: UNIDENTIFIED CYSTIC STRUCTURE AT THE EDGE OF ONE LOBE OF THYROID GLAND (SLIDE 3).

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Minimal
* Heart		Inflammation	Chronic, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Ovary		Hemorrhage	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration Infiltration Cellular	Moderate Lymphocyte, Moderate
* Spleen		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
* Ovary		Hemorrhage	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild
		Leiomyosarcoma	

[Leiomyosarcoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363	TRT#: 8	SEX: Female	DAY ON TEST: 737
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 105968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
* Kidney	Glomerulus	Metaplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul Gl	Cytoplasmic Alteration	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 2-7,3-7]

PRIMARY CAUSE OF DEATH -

Animal Note: TGL=1-21 No Corresponding Lesion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 670

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	Spinal Cord	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
* Lymph Node, Mandibular		Pigmentation	Moderate
* Ovary		Cyst	Moderate
Peripheral Nerve		Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-1]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Marked
[Compression TGLS = 4-1]			
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Moderate
[Dilatation TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
* Islets, Pancreatic		Adenoma	
* Kidney	Glomerulus	Metaplasia	Moderate
		Metaplasia	Osseous, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105970

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Degeneration

Focal, Moderate

* Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Mild
* Gallbladder		Adenoma	
* Kidney	Glomerulus	Metaplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
		Vacuolization Cytoplasmic	Moderate
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6 AND 22. [Hepatocellular Adenoma TGLS = 4-22] [Mixed Cell Focus TGLS = 2-21]			
* Lung		Hemorrhage	Minimal
		[Hemorrhage TGLS = 3-2]	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1-7]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Moderate
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-6]		
	[Hepatocellular Carcinoma TGLS = 2-21]		
* Ovary		Cyst	Moderate
		Hemorrhage	Mild
	Note: THE OVARIAN CYST IS LINED WITH COLUMNAR EPITHELIUM (EPITHELIAL INCLUSION CYST).		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-6]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 7-12]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TWO HEPATOCELLULAR ADENOMAS AND ONE HEPATOCELLULAR CARCINOMA ARE PRESENT ON SLIDE 6.			
		[Hepatocellular Adenoma TGLS = 3-21,5-23]	
		[Hepatocellular Carcinoma TGLS = 4-22,6-24]	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		[Hematopoietic Cell Proliferation TGLS = 1-6]	
		[Hyperplasia TGLS = 1-6]	
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 2-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105973

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369	TRT#: 8	SEX: Female	DAY ON TEST: 611
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 105974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Minimal
[Dilatation TGLS = 1-8]			
* Kidney		Metaplasia Nephropathy	Osseous, Minimal Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370	TRT#: 8 DOSE: 50 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 708 HISTO: 105975
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Minimal Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-21,3-22] [Hepatocellular Carcinoma TGLS = 4-23]		
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: BLOOD VESSEL WITH MODERATE HYPERTROPHY AND INFLAMMATION (PERIARTERITIS) ADJACENT TO THYROID GLAND ON SLIDE 3.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Moderate
* Gallbladder		Cyst	Moderate
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-6]			
* Ovary		Hemorrhage	Mild
[Hemorrhage TGLS = 3-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 158

DOSE: 50 MG/KG

DISP: Accidentally Killed

HISTO: 105977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Urin Bladder			

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: CECUM AND JEJUNUM ARE SWITCHED ON SLIDES 3 AND 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Minimal
[Dilatation TGLS = 1-8]			
* Kidney	Glomerulus	Metaplasia Nephropathy	Mild Minimal
* Liver	Hepatocyte	Eosinophilic Focus Hepatocellular Adenoma Vacuolization Cytoplasmic	Multiple Mild
[Hepatocellular Adenoma TGLS = 4-21,5-22,6-23,7-24]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Moderate Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS		Hemangioma	
Note: HEMANGIOMA IS IN MEDIASTINUM ON SLIDE 3 (TABULATED UNDER "TISSUE NOS").			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Mild
* Kidney	Glomerulus	Metaplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-23,5-24]			
[Hepatocellular Carcinoma TGLS = 2-22]			
* Lung		Hemorrhage	Minimal
* Salivary Glands	Submandibul Gl	Cytoplasmic Alteration	Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia Adenoma	Moderate Minimal
* Harderian Gland			
[Adenoma TGLS = 6-12]			
* Kidney	Glomerulus	Metaplasia Hepatocellular Adenoma	Minimal Multiple
* Liver			
[Hepatocellular Adenoma TGLS = 3-6,4-21,5-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia Polyp Stromal	Cystic, Mild
[Polyp Stromal TGLS = 2-23]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia Adenoma	Moderate Mild
* Harderian Gland			
[Adenoma TGLS = 7-12]			
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus Vacuolization Cytoplasmic	Multiple Moderate
	Hepatocyte		
[Hepatocellular Adenoma TGLS = 2-6,4-23,5-24]			
[Mixed Cell Focus TGLS = 3-22,6-25]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 3-1]			
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CECUM AND JEJUNUM ARE SWITCHED ON SLIDES 3 AND 4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Marked
[Necrosis TGLS = 4-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Nose		Inflammation	Chronic, Minimal
* Parathyroid Gland		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland	Duct	Dilatation	Marked
		Hyperplasia	Mild
* Kidney	Glomerulus	Metaplasia	Mild
* Liver	Hepatocyte	Mixed Cell Focus	
		Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 1-6]			
* Pancreas		Atrophy	Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Minimal
[Dilatation TGLS = 1-8]			
* Liver		Hepatocellular Carcinoma Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration Infiltration Cellular Hematopoietic Cell Proliferation	Mild Lymphocyte, Mild Mild
* Spleen			
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 420

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Moderate
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-6]		
* Lung		Hemorrhage	Marked
	[Hemorrhage TGLS = 4-2]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2-6]	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:31
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Glomerulus	Metaplasia	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-21,4-23]	
		[Hepatocellular Carcinoma TGLS = 3-22]	
* Nose		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-22]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
	[Hyperplasia TGLS = 1-7]		
	[Polyp Stromal TGLS = 3-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 684

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 105991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Gliosis	Mild
		Hydrocephalus	Mild
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
* Liver		Mixed Cell Focus	
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Mixed Cell Focus TGLS = 2-21]		
* Pituitary Gl			
	Note: ZONE OF DENSE FIBROUS CONNECTIVE TISSUE OF FAIRLY UNIFORM THICKNESS SURROUNDING PITUITARY GLAND.		
* Salivary Glands	Submandibul Gl	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 718

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 105993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 12-12]			
* Kidney	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: THE HEPATOCELLULAR CARCINOMA (SLIDE 22) IS MARKEDLY NECROTIC.			
[Eosinophilic Focus TGLS = 4-6]			
[Hepatocellular Carcinoma TGLS = 3-22]			
[Mixed Cell Focus TGLS = 5-23]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Marked
[Hepatocellular Carcinoma TGLS = 6-2,7-24,8-2,9-25,10-2,11-26]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388	TRT#: 8	SEX: Female	DAY ON TEST: 718
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 105993

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 13-27]		Ulcer	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Eye		Inflammation	Chronic, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 9-12]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Glomerulus	Metaplasia	Moderate
		Metaplasia	Osseous, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
		Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 6-22]			
[Hepatocellular Adenoma TGLS = 3-6,4-6,7-23]			
[Mixed Cell Focus TGLS = 5-21]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 8-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Note: THE HYPERPLASTIC CHANGE IN MANDIBULAR LYMPH NODE IS SUGGESTIVE OF THYMIC METAPLASIA.			
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105994

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary [Cystadenoma TGLS = 2-7]		Cystadenoma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration Infiltration Cellular	Mild Lymphocyte, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6]		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular [Hyperplasia TGLS = 10-4] [Metaplasia TGLS = 10-4]	Epithelium	Hyperplasia Metaplasia	Moderate Hepatocyte, Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Glomerulus	Metaplasia	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Clear Cell Focus TGLS = 1-21]		
	[Hepatocellular Adenoma TGLS = 4-24]		
	[Hepatocellular Carcinoma TGLS = 2-22]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-23]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Intestine Large, Cecum		Leiomyoma	
[Leiomyoma TGLS = 9-25]			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: LIVER SECTION ON SLIDE 27 DID NOT APPEAR TO BELONG TO ANIMAL HF391. WET AND BLOCKED TISSUE RE-EXAMINED AND CORRECT TISSUE WAS NOT FOUND.			
* Lung		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 8-26]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	Iliac	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	Renal	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Hyperplasia TGLS = 3-21]			
[Rhabdomyosarcoma TGLS = 4-22]			
[Rhabdomyosarcoma TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/16/2014

Time Report Requested: 03:22:32

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 391

TRT#: 8

DOSE: 50 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 105996

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLS = 7-24]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicle	Degeneration	Focal, Moderate
* Urin Bladder			
	Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-21,3-6,8-23]	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Carcinoma TGLS = 4-6,5-22]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-1]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Thymus			

Note: THYMUS IS ON SLIDE 7.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Minimal
		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: NO SLIDE OR BLOCK 22 (LIVER MASS) WAS FOUND FOR THIS ANIMAL. [Hepatocellular Adenoma TGLS = 3-6,4-6] [Mixed Cell Focus TGLS = 5-21]			
* Ovary		Cyst	Moderate
		[Cyst TGLS = 1-7]	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 105999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Minimal Moderate
* Kidney	Glomerulus	Metaplasia	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma Mixed Cell Focus Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-21]		
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Urin Bladder	Note: INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 106000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Moderate
* Eye		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 4-44]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Kidney	Glomerulus	Metaplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-22,6-23]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 106000

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 106001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Hyperplasia	Moderate Mild
* Kidney	Glomerulus	Metaplasia	Mild
Mesentery	Fat	Necrosis	Moderate
Note: REACTIVE FIBROSIS ASSOCIATED WITH MESENTERIC FAT NECROSIS; NOT TABULATED. [Necrosis TGLS = 3-21,4-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy Cyst	Marked Moderate
[Atrophy TGLS = 5-7] [Cyst TGLS = 6-7]			
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 737
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 106002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
	Glomerulus	Metaplasia	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1-6,2-21,4-23]		
	[Hepatocellular Carcinoma TGLS = 3-22]		
* Ovary		Cystadenoma	
* Pancreas		Atrophy	Minimal
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus			
Note: THYMUS IS PRESENT ON SLIDES 2 AND 3.			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 106003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
* Kidney	Glomerulus	Metaplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-6,4-23]		
	[Hepatocellular Carcinoma TGLS = 1-21,3-22]		
* Ovary		Cyst	Moderate
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 737
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 106004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
* Kidney	Glomerulus	Metaplasia	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-22,3-23]		
Mesentery	Fat	Necrosis	Mild
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 106005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrosis	Mild
* Bone Marrow		Hemangiosarcoma	
* Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Mild
[Dilatation TGLS = 2-8]			
* Kidney	Glomerulus	Metaplasia	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: HEPATOCELLULAR ADENOMAS ARE ON SLIDES 6, 22, AND 23.			
[Hepatocellular Adenoma TGLS = 4-22,5-23]			
[Hepatocellular Carcinoma TGLS = 6-24]			
* Ovary		Cyst	Moderate
* Parathyroid Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands	Submandibul GI	Cytoplasmic Alteration	Moderate
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99024-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/16/2014
Time Report Requested: 03:22:32
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400	TRT#: 8 DOSE: 50 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: 106005
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Focal, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE