

Experiment Number: 99024-03
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/20/2014
Time Report Requested: 12:11:00
First Dose M/F: NA / NA
Lab: BAT

C Number:	C99024B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99024-03

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Species/Strain: Rat/F 344/N

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:00

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Centrilobular, Hepatocyte, Cytoplasmic Alteration					1		1	1.0
Infiltration Cellular, Mononuclear CI			1	1	1		3	1.0

Cardiovascular System

Heart	+	+	+	+	+	5		
Cardiomyopathy					1		1	1.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	5		
Adrenal Medulla	+	+	+	+	+	5		
Pituitary Gland	+	+	+	+	+	5		

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	5		
Prostate	+	+	+	+	+	5		
Infiltration Cellular, Mononuclear CI, Focal					1		1	1.0
Inflammation, Focal	1						1	1.0
Seminal Vesicle	+	+	+	+	+	5		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-03

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First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male
0 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Testes	+	+	+	+	+	5
Hematopoietic System						
NONE						
Integumentary System						
Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5
Musculoskeletal System						
NONE						
Nervous System						
NONE						
Respiratory System						
Lung	+	+	+	+	+	5
Alveolus, Infiltration Cellular, Histiocyte	1	1		1		3 1.0
Perivascular, Infiltration Cellular, Mononuclear Cl	2	2	2	2	2	5 2.0
Special Senses System						
NONE						
Urinary System						
Kidney	+	+	+	+	+	5

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+ ..Tissue examined microscopically

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Test Compound: Androstenedione

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Date Report Requested: 10/20/2014

Time Report Requested: 12:11:00

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
1 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	0	0	0	0	1	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Centrilobular, Hepatocyte, Cytoplasmic Alteration	1			1		2	1.0
Infiltration Cellular, Mononuclear CI			1	1		2	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

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First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male
1 MG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	0	0	0	0	1	
	6	7	8	9	0	*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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X ..Lesion present

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CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:00

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
5 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	1	1	1	1	1	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Centrilobular, Hepatocyte, Cytoplasmic Alteration		1		1			2 1.0
Infiltration Cellular, Mononuclear CI	1	1	1				3 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Time Report Requested: 12:11:00

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male
5 MG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	1	1	1	1	1	
	1	2	3	4	5	*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
10 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	1	1	1	1	1	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Centrilobular, Hepatocyte, Cytoplasmic Alteration	1	2	1	1		4	1.3
Infiltration Cellular, Mononuclear CI	1	1		1	1	4	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male
10 MG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	1	1	1	1	2	
	6	7	8	9	0	*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
20 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	2	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Centrilobular, Hepatocyte, Cytoplasmic Alteration					1	1	1.0
Infiltration Cellular, Mononuclear CI	1			1		2	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

**F 344/N Rat Male
20 MG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	2	
	1	2	3	4	5	*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
50 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	3	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Centrilobular, Hepatocyte, Cytoplasmic Alteration	2	1	1	2	1	5	1.4
Infiltration Cellular, Mononuclear CI	1	1		1		3	1.0

Cardiovascular System

Heart	+	+	+	+	+	5	
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Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Pituitary Gland	+	+	+	+	+	5	

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	5	
Prostate	+	+	+	+	+	5	
Hyperplasia, Focal					1	1	1.0
Seminal Vesicle	+	+	+	+	+	5	
Testes	+	+	+	+	+	5	

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Test Type: 14-DAY

Test Compound: Androstenedione

Time Report Requested: 12:11:01

Route: SKIN APPLICATION

CAS Number: 63-05-8

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male
50 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	2	2	2	2	3	
	6	7	8	9	0	*TOTALS

NONE

Integumentary System

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5	
Alveolar Epith, Hyperplasia, Focal			1			1	1.0
Alveolus, Infiltration Cellular, Histiocyte				1		1	1.0
Bronchiole, Hyperplasia, Focal	1					1	1.0
Perivascular, Infiltration Cellular, Mononuclear CI	2	2	2	2	2	5	2.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
Infiltration Cellular, Mononuclear CI, Focal	1		1	1	1	4	1.0

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X ..Lesion present

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Species/Strain: Rat/F 344/N

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CAS Number: 63-05-8

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Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

END OF MALE DATA

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Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	3	3	3	3	3
	1	2	3	4	5
	*TOTALS				

Alimentary System

Liver	+	+	+	+	+	5	
Infiltration Cellular, Mononuclear CI			1	1	1		3 1.0

Cardiovascular System

Heart	+	+	+	+	+	5	
-------	---	---	---	---	---	---	--

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Pituitary Gland	+	+	+	+	+	5	
Cyst					1		1 1.0

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	5	
Uterus	+	+	+	+	+	5	
Vagina	+	+	+	+	+	5	

Hematopoietic System

NONE

Integumentary System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0 MG/KG

	DAY ON TEST							
	0	0	0	0	0			
	0	0	0	0	0			
	1	1	1	1	1			
	7	7	7	7	7			
ANIMAL ID	0	0	0	0	0			
	0	0	0	0	0			
	1	1	1	1	1			
	3	3	3	3	3			
	1	2	3	4	5	*TOTALS		
Mammary Gland	+	+	+	+	+	5		
Skin	+	+	+	+	+	5		
Musculoskeletal System								
NONE								
Nervous System								
NONE								
Respiratory System								
Lung	+	+	+	+	+	5		
Alveolus, Infiltration Cellular, Histiocyte		1	1			2	1.0	
Perivascular, Infiltration Cellular, Mononuclear Cl	2	2	2	2	2	5	2.0	
Thrombosis, Focal	1					1	1.0	
Special Senses System								
NONE								
Urinary System								
Kidney	+	+	+	+	+	5		
Mineralization, Focal					1	1	1.0	

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Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**F 344/N Rat Female
1 MG/KG**

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/20/2014
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First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

F 344/N Rat Female
1 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**F 344/N Rat Female
5 MG/KG**

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**F 344/N Rat Female
5 MG/KG**

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**F 344/N Rat Female
10 MG/KG**

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female
10 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Experiment Number: 99024-03

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**F 344/N Rat Female
20 MG/KG**

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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Species/Strain: Rat/F 344/N

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female
20 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
50 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	6	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Infiltration Cellular, Mononuclear CI			1	1	1	1	4 1.0

Cardiovascular System

Heart	+	+	+	+	+	5	
Cardiomyopathy				1	1		2 1.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Pituitary Gland	+	+	+	+	+	5	

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	5	
Cyst			1				1 1.0
Uterus	+	+	+	+	+	5	
Vagina	+	+	+	+	+	5	

Hematopoietic System

NONE

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Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/20/2014

Time Report Requested: 12:11:01

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
50 MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	6	
	6	7	8	9	0	*TOTALS

Integumentary System

Mammary Gland	+	+	+	+	+	5
Skin	+	+	+	+	+	5

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5
Alveolus, Infiltration Cellular, Histiocyte		1			1	2 1.0
Perivascular, Infiltration Cellular, Mononuclear CI	2	2	2	2	2	5 2.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5
Mineralization, Focal				1		1 1.0

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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