

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

C Number: C89029D
Lock Date: 10/14/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

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Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
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CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 2	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
	[Carcinoma TGLS = 1,2,3,4,8,9,10-5+6+4+7+8+9]		
	[Fibroadenoma TGLS = 5,7,8-7+8]		
Skin		Inflammation	Chronic Active, Marked
		Trichoepithelioma	
	[Inflammation TGLS = 6-7]		
	[Trichoepithelioma TGLS = 6-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 3	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver		

Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.

* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 1,3,6,7,10,11,12-5+6+7+8+9+10+11]

[Fibroadenoma TGLS = 2,3,4,5,6,7,8,9-6+4+5+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney [Nephropathy TGLS = 8-1]	Nephropathy	Moderate
* Liver Note: The "focus, 0.1 - 0.5 cm, multiple, dark" noted at necropsy was blood in slightly dilated sinusoids. Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.	Clear Cell Focus	
* Mammary Gland [Carcinoma TGLS = 2,3,6-5+6] [Fibroadenoma TGLS = 1,4-4+5]	Carcinoma Fibroadenoma	Multiple Multiple
Skin [Trichoepithelioma TGLS = 5-6]	Trichoepithelioma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Liver	* Lung		

OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1,2,3,4-4+5+6+7]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Magnetic fields + DMBA initiation promotion

CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6	TRT#: 1 DOSE: 10 DMBA CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: 296-960
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver
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OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.2 x 0.3 cm" noted at necropsy were normal mammary gland, adipose tissue, and lymph node.

Note: "Mass, 0.2 - 0.4 cm dia, multiple" noted at necropsy was normal mammary tissue.

Note: "Mass, 0.5 x 1 cm" and "mass, 0.5 x 1 cm" noted at necropsy were salivary gland and lymph node.

[Carcinoma TGLS = 1,12-4+8]

[Fibroadenoma TGLS = 4,6,7,8,9,10,11-6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Adenoma

Carcinoma

Multiple

Fibroadenoma

Multiple

[Adenoma TGLS = 7-8]

[Carcinoma TGLS = 1,2,4,10-5+6+7+10]

[Fibroadenoma TGLS = 1,3,4,5,6,8,9-5+6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Magnetic fields + DMBA initiation promotion

CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8	TRT#: 1	SEX: Female	DAY ON TEST: 176
	DOSE: 10 DMBA CONTROL	DISP: Natural Death	HISTO: 296-962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Kidney	* Lung		
OBSERVATIONS			
* Liver		Hematopoietic Cell Proliferation	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
		[Carcinoma TGLS = 1,2,4,6-4+5+6+7]	
		[Fibroadenoma TGLS = 3,5-5+7]	
<hr/> PRIMARY CAUSE OF DEATH -			
<hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-5]

[Fibroadenoma TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .3 x .4 cm" noted at necropsy was subcutaneous connective tissue.

[Carcinoma TGLS = 1,3,4,5-5+6]

[Fibroadenoma TGLS = 3,5,6-6+7]

Skin

Squamous Cell Carcinoma

[Squamous Cell Carcinoma TGLS = 7-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 11

TRT#: 1

SEX: Female

DAY ON TEST: 113

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-965

OBSERVATIONS

* Kidney

[Leukemia Mononuclear TGLS = 2-1]

Leukemia Mononuclear

* Liver

[Leukemia Mononuclear TGLS = 1-1]

Leukemia Mononuclear

* Lung

[Leukemia Mononuclear TGLS = 8-2]

Leukemia Mononuclear

Lymph Node

[Leukemia Mononuclear TGLS = 6-6]

Leukemia Mononuclear

* Mammary Gland

Note: "Mass, 0.7 x 1 cm" noted at necropsy was not apparent microscopically.

[Carcinoma TGLS = 4,5,7-5+6]

Carcinoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 12

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1.5 x 0.5 cm" noted at necropsy was adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2,3,5,7,8,9,10,11,12-5+6+7+8+9]

[Fibroadenoma TGLS = 6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 13

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

[Infiltration Cellular TGLS = 5-2+3]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-5+6]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 14

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 3,4,5-6+7]

[Fibroadenoma TGLS = 2,6,7-4+8]

Zymbal's Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 15

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

[Angiectasis TGLS = 3-1]

Angiectasis

Minimal

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 2,4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 16	TRT#: 1	SEX: Female	DAY ON TEST: 183
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Carcinoma	Multiple
	Fibroadenoma	Multiple

Note: "Mass, 1.2 x .5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 17,20,21-13+14]

[Carcinoma TGLS = 1,2,3,4,5,9,10,11,12,13,15,16-5+6+7+8+9+10+11+12]

[Fibroadenoma TGLS = 5,7,6,8,10,13,18,19-7+4+8+11+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 17	TRT#: 1	SEX: Female	DAY ON TEST: 183
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,4,2,3,5,6,7,8,9-5+4+6+7]

[Fibroadenoma TGLS = 10-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 2,3,4-5+6]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-973

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
[Angiectasis TGLS = 15-1]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 16-2+3]			
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
Note: "Mass, .7 x .5 cm" noted at necropsy was adipose tissue.			
[Carcinoma TGLS = 1,3,7,11,14-5+4+7+8+10]			
[Fibroadenoma TGLS = 2,4,3,5,8,9,10,12,13-6+4+7+8+9]			
Skin		Hyperplasia	Basal Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 20

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Lymph Node

Necrosis

Moderate

[Necrosis TGLS = 11-10]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,3,4,6,7,8,9,12-5+6+4+7+8+9+10]

[Fibroadenoma TGLS = 10-9]

Skin

Subcut Tiss

Fibroma

[Fibroma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Female

DAY ON TEST: 151

DOSE: 10 DMBA CONTROL

DISP: Natural Death

HISTO: 296-975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

MISSING

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 22

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 1 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 4,6-7+8]

[Fibroadenoma TGLS = 1,3,5-5+6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,6,7,8,9,10-5+4+6+7+8+9]

[Fibroadenoma TGLS = 4,5-6+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 24

TRT#: 1

SEX: Female

DAY ON TEST: 89

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 25

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,7,5,6,8,9,10,11,12,13,14-5+6+4+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 26

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

[Hepatocellular Adenoma TGLS = 5-7]

Hepatocellular Adenoma

* Mammary Gland

[Carcinoma TGLS = 1,2,3,4-5+4+6]

Carcinoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,4,2,5,6,7,8,9,10,11,12,13,14,15-4+5+6+7+8+9+10]

[Fibroadenoma TGLS = 14-10]

Skin

Cyst Epithelial Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 28

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1.2 x 1 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,3,2,4,5,6,7,9,10,11,12,13-5+4+6+7+8+9+10+11+12]

[Fibroadenoma TGLS = 10-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

[Carcinoma TGLS = 7-2]

Carcinoma

Metastatic (Mammary Gland)

* Mammary Gland

[Carcinoma TGLS = 1,2,3,4,5,6,8-5+6+7+8+9]

Carcinoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 30	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver
----------	---------

OBSERVATIONS

* Lung [Infiltration Cellular TGLS = 7-2+3]	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Mammary Gland [Carcinoma TGLS = 1,2,3,4,5,6-5+4+6+7] [Fibroadenoma TGLS = 1,2-5]		Carcinoma Fibroadenoma	Multiple Multiple

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 31

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10-6+7+4+5+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 33	TRT#: 1	SEX: Female	DAY ON TEST: 186
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,2,3,4,5-4+5+6]

[Fibroadenoma TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 3,6-6+7]

[Fibroadenoma TGLS = 1,2,4,5,7,9-5+6+7+8]

Skin

Cyst Epithelial Inclusion

[Cyst Epithelial Inclusion TGLS = 8-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 36

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,6,11,15,16,17-5+7+9+11+12]

[Fibroadenoma TGLS = 1,3,4,5,7,8,9,10,12,13,14,18,19-5+6+7+8+4+10+13]

[Fibroadenoma TGLS = 20,21-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was not apparent microscopically.

[Carcinoma TGLS = 1,2,3,4,5,7,8,9,10-5+6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 38

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Lung

Inflammation

Granulomatous, Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,6,7,8,9,10,11-5+4+6+7+8+9]

[Fibroadenoma TGLS = 1,4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .7 x .4 cm" and "mass, .7 x .5 cm" noted at necropsy were adipose tissue.

[Carcinoma TGLS = 1,5-5+6]

[Fibroadenoma TGLS = 2,3,7,8-4+5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 40

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 3,4-5+6]

[Fibroadenoma TGLS = 1,2-5+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 41

TRT#: 1

SEX: Female

DAY ON TEST: 145

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Mild

[Necrosis TGLS = 1-1]

* Mammary Gland

Adenoma

Carcinoma

Multiple

Note: "Mass, 2 x 2 cm" noted at necropsy was lymph node.

[Adenoma TGLS = 3-6]

[Carcinoma TGLS = 2,4,5,6,7,9,10-6+7+8+9+10+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 42

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,4,3,5,7-6+5+7+9]

[Fibroadenoma TGLS = 6-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 43

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Carcinoma

Metastatic (Mammary Gland)

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5-5+6+7+8]

[Fibroadenoma TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 44	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
[Carcinoma TGLS = 3,4-5+6]		
[Fibroadenoma TGLS = 1,2,6,7,8,9,10-4+5+7+8+9]		
Skin	Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 5-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 45

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,5,4,6,7,8-5+6+4+7+8]

Skin

Hyperplasia

Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 46

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 5,9,13,17-6+8+10+11]

[Fibroadenoma TGLS = 1,4,2,3,6,7,8,10,11,12,14,15,16-5+4+6+7+9+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Minimal

[Necrosis TGLS = 1-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 0.5 x 0.3 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 2,9,3,10,4,5,6,8-6+7+4+5]

[Fibroadenoma TGLS = 11-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 48

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .6 x .6 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,5-5+6+7]

[Fibroadenoma TGLS = 1,6-5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 50

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,7-5+6+7+8]

[Fibroadenoma TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 51	TRT#: 1	SEX: Female	DAY ON TEST: 186
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

Note: "Mass, 0.5 x 1 cm" noted at necropsy was adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,13-5+4+6+7+8]

[Fibroadenoma TGLS = 11-8]

Skin		Hyperplasia	Basal Cell, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 52	TRT#: 1	SEX: Female	DAY ON TEST: 186
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,4,7,89,10-4+5+6+7+8]
[Fibroadenoma TGLS = 5,6,8-6+7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 53

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,7,8,9-5+4+6+7]

[Fibroadenoma TGLS = 2,6,4,5,9,10-5+4+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 54

TRT#: 1

SEX: Female

DAY ON TEST: 186

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Angiectasis

Mild

Basophilic Focus

Vacuolization Cytoplasmic

Mild

[Vacuolization Cytoplasmic TGLS = 11-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Hyperplasia

Minimal

[Carcinoma TGLS = 1,4,2,6,7,8,9-4+5+6+7+8]

[Fibroadenoma TGLS = 2,3,4,10-5+4+8]

[Hyperplasia TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 55	TRT#: 1	SEX: Female	DAY ON TEST: 186
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Mammary Gland
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OBSERVATIONS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 56

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,2,5,6,7-5+4+6+7]

[Fibroadenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 57	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	
[Carcinoma TGLS = 1,2,3,4-5+6]		
[Fibroadenoma TGLS = 5-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 58

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,4,5,6,7,10,12-5+4+6+7+8]

[Fibroadenoma TGLS = 2,8,9,11-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 59

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney Nephropathy Mild

* Liver
Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.

* Lung [Carcinoma TGLS = 20-3] Carcinoma Metastatic (Mammary Gland)

* Mammary Gland Carcinoma Fibroadenoma Multiple
Fibroadenoma Multiple

[Carcinoma TGLS = 9-7]
[Fibroadenoma TGLS = 1,2,3,21,4,5,6,7,8,10,11,12,13,14-5+4+6+8+9+10]
[Fibroadenoma TGLS = 15,16,17,18-11+12]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 60

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Note: "Mass, 1 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 14,15,16,17,18,19,20-10+11+12]

[Carcinoma TGLS = 1,2,4,5,6,7,8,9,10,11,12,13-6+7+4+5+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 61

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6-5+4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 62

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: 10 DMBA CONTROL

DISP: Natural Death

HISTO: 296-1016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

MISSING

* Liver

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 63

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,8,9-5+4+6+7]

[Fibroadenoma TGLS = 7,10-6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 64	TRT#: 1	SEX: Female	DAY ON TEST: 183
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,5,4,7-5+6+4+7]
[Fibroadenoma TGLS = 6-7]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 65

TRT#: 1

SEX: Female

DAY ON TEST: 182

DOSE: 10 DMBA CONTROL

DISP: Natural Death

HISTO: 296-1019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 8,12,13,14,15,16,18-7+9+10+11]

[Fibroadenoma TGLS = 1,5,2,3,4,6,7,8,9,10,11,13,14,15-5+4+6+7+8+9+10]

[Fibroadenoma TGLS = 17,18-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 66	TRT#: 1	SEX: Female	DAY ON TEST: 185
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 5,7-6+7]
[Fibroadenoma TGLS = 1,4,2,3,5,6,7,8,9,10,11,12-5+4+6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 67

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Angiectasis

Minimal

[Angiectasis TGLS = 26-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,5,14,15,16-5+4+8+9]

[Fibroadenoma TGLS = 2,4,6,8,9,10,11,12,13,14-5+6+7+4+8]

[Fibroadenoma TGLS = 18,19,20,21,22,23,24,25-10+11+12]

Skin

Hyperplasia

Basal Cell, Minimal

Trichoepithelioma

[Trichoepithelioma TGLS = 7-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 68	TRT#: 1	SEX: Female	DAY ON TEST: 185
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,6,2,5,7,8,9,10,11,12,13,14,15-6+4+5+7+8+9+10]
[Fibroadenoma TGLS = 3,4,5,7,8,15,16-5+7+10+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 69

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1.5 x 1 cm" noted at necropsy was lymph node.

Note: "Mass, 1.5 x .7 cm" noted at trim was lymph node.

[Carcinoma TGLS = 2,4,5,6,7,8,9-5+6+7+8]

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 70

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .8 x .5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 7-4]

[Fibroadenoma TGLS = 16,17,18,19,20,21,22-10+11+12]

[Fibroadenoma TGLS = 1,2,3,4,5,7,11,8,9,10,12,13,14,15-5+6+4+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 71	TRT#: 1	SEX: Female	DAY ON TEST: 185
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Angiectasis	Minimal
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	

[Carcinoma TGLS = 1,3-4+5]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 72

TRT#: 1

SEX: Female

DAY ON TEST: 113

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-1026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Carcinoma	Multiple

Note: "Mass, 0.6 x 1 cm" noted at necropsy was lymph node.
Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.
[Carcinoma TGLS = 2,3,4,6-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 73

TRT#: 1

SEX: Female

DAY ON TEST: 173

DOSE: 10 DMBA CONTROL

DISP: Natural Death

HISTO: 296-1027

OBSERVATIONS

* Kidney		Leukemia Mononuclear Mineralization	Moderate
* Liver	Centrilobular	Nephropathy Leukemia Mononuclear Necrosis	Marked Marked
* Lung Lymph Node		Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-9]			
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,11,12,13,14-5+6+7+8+10+4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 74

TRT#: 1

SEX: Female

DAY ON TEST: 185

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Moderate

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 75	TRT#: 1	SEX: Female	DAY ON TEST: 185
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 2,4-5+4]
[Fibroadenoma TGLS = 1,3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 76	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
[Carcinoma TGLS = 1,3,4,5,6-7+4+5+6+8]		
[Fibroadenoma TGLS = 2,4,7,8,9-7+6+8+9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 77

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 78	TRT#: 1	SEX: Female	DAY ON TEST: 184
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Sarcoma	
[Sarcoma TGLS = 24-1]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Carcinoma	Multiple
		Fibroadenoma	Multiple
[Carcinoma TGLS = 14,15,16,17,18,19,20,21,22,23-11+12+13+14]			
[Carcinoma TGLS = 1,2,3,4,7,8,5,6,9,10,11,13-6+7+5+8+9+10]			
[Fibroadenoma TGLS = 12,18-9+13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 79

TRT#: 1

SEX: Female

DAY ON TEST: 176

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-1033

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-1]

* Lung

Leukemia Mononuclear

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 2,3,4,5,6,7,8,9,10,11-5+6+7+8+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 80

TRT#: 1

SEX: Female

DAY ON TEST: 184

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,5,3,4-5+4]

[Fibroadenoma TGLS = 3,4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 81

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1035

OBSERVATIONS

- * Kidney
- * Liver
- * Lung
- * Mammary Gland

Alveolus

Nephropathy
Basophilic Focus
Infiltration Cellular
Carcinoma
Fibroadenoma

Minimal
Histiocyte, Minimal
Multiple
Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 2,3,4,5,6,7,8,12-5+6+7+8+9]

[Fibroadenoma TGLS = 1,5,9-5+7+8]

Skin

Cyst Epithelial Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 82

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 14,15-11]

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12,13-6+4+5+7+8+9+10]

[Fibroadenoma TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 83	TRT#: 1	SEX: Female	DAY ON TEST: 183
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,4,2,3,5,6,7,8,9,10-6+4+5+7+8+9+10+11]

[Fibroadenoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 84

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
	[Carcinoma TGLS = 5-6]		
	[Fibroadenoma TGLS = 1,2,3,4,6-4+5+6]		
Skin		Hyperplasia	Basal Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 85

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,5-4+5+6]

[Fibroadenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 86

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1040

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Liver

Clear Cell Focus

Note: There was no microscopic finding to account for the "enlarged, mottled" liver noted at necropsy.

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 6,8,9,10,12-5+6+7+8]

[Fibroadenoma TGLS = 1,2,5,3,7,11-4+5+6+7]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 87	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver			
Note: "Focus, 0.2 - 0.4 cm, dark, multiple" noted at necropsy was blood in a few dilated sinusoids.			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
[Carcinoma TGLS = 1,2,6,7,9,10,11,12,13,14,17-6+5+8+9+10+12]			
[Fibroadenoma TGLS = 3,8,4,5,15,16,18-7+4+11+12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 88

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: The "mass, 1 x 0.5 cm" noted at necropsy was not apparent microscopically.

[Carcinoma TGLS = 1,2,3,4,5,6,9,10,8,12,14,15-5+6+7+8+4+9+10]

[Carcinoma TGLS = 17,18,19,20,21-11+12+13]

[Fibroadenoma TGLS = 4,5,6,7,13,16,17,18,20-6+7+8+4+9+10+11+12]

Skin

Hyperplasia

Basal Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 89	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 13,14,16,17,18-13+14+15+16+17]

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12-7+8+9+4+5+6+10+11+12]

[Fibroadenoma TGLS = 13,15-13+14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 90	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 14,15-11+12]

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12,13-6+7+4+5+8+9+10]

[Fibroadenoma TGLS = 3,11-6+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 91

TRT#: 1

SEX: Female

DAY ON TEST: 110

DOSE: 10 DMBA CONTROL

DISP: Natural Death

HISTO: 296-1045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

MISSING

* Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 92

TRT#: 1

SEX: Female

DAY ON TEST: 135

DOSE: 10 DMBA CONTROL

DISP: Moribund Sacrifice

HISTO: 296-1046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver	Centrilobular	Necrosis	Minimal
[Necrosis TGLS = 9-1]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Thrombosis	Minimal
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1,2,3,4,5,6,7,8-4+5+6+8+7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 93

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Mild

* Lung

Carcinoma

Metastatic (Mammary Gland)

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1.2 x .7 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 6,7-7+8]

[Fibroadenoma TGLS = 1,2,4,5,8,9-5+6+4+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 94

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

[Angiectasis TGLS = 8-1]

Angiectasis

Mild

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,9,3,4,5,6-5+4+6+7+8]

[Fibroadenoma TGLS = 7-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 95

TRT#: 1

SEX: Female

DAY ON TEST: 183

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 13-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,12-5+4+6+7+8+9+10+11]

[Fibroadenoma TGLS = 11-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 96	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,6,7,9,12-5+6+7+8+10]
[Fibroadenoma TGLS = 4,5,8,10,11-4+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 97	TRT#: 1	SEX: Female	DAY ON TEST: 187
	DOSE: 10 DMBA CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver
----------	---------

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1,3-4+5]			
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 2-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 98

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 2-5]

Skin

Cyst Epithelial Inclusion

[Cyst Epithelial Inclusion TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 99

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 4,6-4+6]

[Fibroadenoma TGLS = 1,3,2,5,7-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 100

TRT#: 1

SEX: Female

DAY ON TEST: 187

DOSE: 10 DMBA CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,4,5,6,7,8,9,10,11,12,13-5+6+7+4+8+9+10+11]

[Carcinoma TGLS = 14,15,16,17,18,19,20-12+13+14+15]

[Fibroadenoma TGLS = 3,13,14,21-7+11+12+15]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary GI

Note: "Mass, .5 x .2 cm" and "mass, .7 x .3 cm" noted at necropsy were lymph nodes.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 111

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 112

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 113

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 114

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 115

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 117

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 118

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 119

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 121

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 122

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 126

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 127

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 128

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 129

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 130

TRT#: 2

SEX: Female

DAY ON TEST: 184

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Mammary Gland

OBSERVATIONS

* Kidney

Mineralization

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 132

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 135

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 136

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 138

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 139

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Galactocele

Mild

Hyperplasia

Moderate

Note: "Mass, .5 x .5 cm" noted at necropsy was adipose tissue and mammary gland.

[Galactocele TGLS = 1-4]

[Hyperplasia TGLS = 3,4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 141

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 142

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 145

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 146

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 147

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 148

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 149

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 150

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 151

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 152

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Inflammation

Granulomatous, Mild

* Mammary Gland

Galactoceles

Moderate

[Galactoceles TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 154

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 155

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 156

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 157

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:25

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 158

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Lung

Note: "Focus, 0.1 - 0.4 cm dia, red" noted at necropsy was subpleural hemorrhage and congestion secondary to CO2 euthanasia.

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 159

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 160

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Mineralization

Mild

* Mammary Gland

Carcinoma

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was normal mammary gland and adipose tissue. The other "mass, 0.5 x 0.5 cm" was lymph node.

[Carcinoma TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 161

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 163

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 164

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 165

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 166

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 167

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 168

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 169

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 170

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 171

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 172	TRT#: 2	SEX: Female	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 296-1126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Mammary Gland
----------	---------	-----------------

OBSERVATIONS

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
--------	----------	-----------------------	---------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 173

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 174

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Liver

Note: "Nodule, .6 x .4 cm" noted at trim was normal variation in lobar morphology.

* Mammary GI

Note: "Mass, .6 x .5 cm" noted at necropsy was skeletal muscle.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 175

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 176

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 177

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 178

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 179

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 180

TRT#: 2

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 182

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 183

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 184

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 185

TRT#: 2

SEX: Female

DAY ON TEST: 183

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 186

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 187

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 188

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Mammary GI

Note: The four "mass, 0.5 x 1 cm" noted at necropsy were lymph nodes with normal mammary gland and adipose tissue.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 189

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 190

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 191

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 192

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Mammary Gland

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 193

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 194

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 195

TRT#: 2

SEX: Female

DAY ON TEST: 187

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 196

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 197

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 198

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

* Mammary Gland

OBSERVATIONS

* Liver

Basophilic Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 199

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 200

TRT#: 2

SEX: Female

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 296-1154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Female

DAY ON TEST: 162

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1155

OBSERVATIONS

- * Kidney
- * Liver
[Leukemia Mononuclear TGLS = 5-1]
- * Lung
- * Mammary Gland
[Carcinoma TGLS = 1,2,3,4-5+6]

- Leukemia Mononuclear
- Leukemia Mononuclear

- Leukemia Mononuclear
- Thrombosis
- Carcinoma

- Mild
 - Multiple
-

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-5+6+7]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

[Angiectasis TGLS = 6-1]

Angiectasis

Moderate

* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Mammary Gland

[Carcinoma TGLS = 1,2,3,4,5-5+6]

Carcinoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1 x .8 cm" noted at necropsy was lymph nodes and adipose tissue.

[Carcinoma TGLS = 1,3,4,7-4+5+6+7]

[Fibroadenoma TGLS = 2,5,6,8,9-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2,3,4,9,10-4+5+7]

[Fibroadenoma TGLS = 6,7,8-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,4,5,6,7,10,12-5+6+7+8+10+11]

[Fibroadenoma TGLS = 2,3,8,9,11-5+4+8+9+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Lung

Note: The "mottled pale" appearance noted at necropsy was due to post mortem autolysis.

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,4,5,7-5+6+4+7]

[Fibroadenoma TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1163

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-1]

* Lung

Leukemia Mononuclear

Lymph Node

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3-5]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Leukemia Mononuclear

[Carcinoma TGLS = 7,9,10-7+8]

[Fibroadenoma TGLS = 2,5,6,8-5+6+8]

[Leukemia Mononuclear TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 210

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,5,2,3,4,7,8,9,10,12,13-4+5+6+7+8+9+10+11+12+13]

[Carcinoma TGLS = 14,15,16,17,18-14+15+16+17]

[Fibroadenoma TGLS = 6,11,14-8+12+14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 211

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 3,4,5,6,7,9-5+6+7+8]

[Fibroadenoma TGLS = 1,2,3,4,5,7,8-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 212

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3-5+6]

[Fibroadenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 213

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

Clear Cell Focus

Hematopoietic Cell Proliferation

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 4,8,11-7+8+10]

[Fibroadenoma TGLS = 1,2,3,5,6,7,9,10,12,14,15-5+6+4+7+8+9+10+11]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 13-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 214

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,7,8,9,10,11,12,13,14-5+4+6+7+8+9+10+11]

[Carcinoma TGLS = 15,16,17-12+13]

[Fibroadenoma TGLS = 4,6,12,14-6+10+11]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 5-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 215

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,2,3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 216

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,4,5,6,8-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 217	TRT#: 3	SEX: Female	DAY ON TEST: 184
	DOSE: 50 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,6,8,9,10-5+4+7+8+9]
[Fibroadenoma TGLS = 4,5,7-6+7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 218

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,4,5,6,7,10,9-4+5+6+7+8]

[Fibroadenoma TGLS = 2,8-4+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 219

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Mammary Gland		Fibroadenoma	Multiple

Note: "Mass, 1.5 x 0.5 cm" noted at necropsy was normal mammary gland and adipose tissue.

[Fibroadenoma TGLS = 1,2,4,5-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 220

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,4,5,6,7,8-5+4+6+7+8]

[Fibroadenoma TGLS = 2,3-5+6]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 9-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 221

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,6,8,10,15-5+6+4+8+9+11]

[Fibroadenoma TGLS = 4,7,9,11,12,13,14,16,17,18,19-4+7+8+9+10+11+12+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 222

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.3 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,7,8,9,11-4+5+7+8+9]

[Fibroadenoma TGLS = 4,5,6,10,13,14-4+6+8+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 223

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, 1.3 x 1.2 cm" noted at necropsy was dilated vein.

[Carcinoma TGLS = 2-5]

[Fibroadenoma TGLS = 1,3,4,6,7,8-5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 224

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3-5+6]

[Fibroadenoma TGLS = 1,4-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 225

TRT#: 3

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,5,6,7-5+6+7+8]

[Fibroadenoma TGLS = 3,4-6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 226

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 227

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4-5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 228

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1182

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-1]

* Lung

Leukemia Mononuclear

Thrombosis

Mild

[Leukemia Mononuclear TGLS = 6-2+3]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 229

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.2 x 1 cm" noted at necropsy was mammary gland, adipose tissue, and salivary gland.

Note: "Mass, 0.5 x 0.5 cm", "mass, 0.5 x 0.5 cm", and "mass, 0.5 x 0.5 cm" noted at necropsy were normal mammary gland and adipose tissue.

Note: "Mass, 0.5-1 cm dia, multiple" noted at necropsy was lymph node, mammary gland, and adipose tissue.

Note: "Mass, 0.5 x 1 cm" noted at necropsy was salivary gland.

[Fibroadenoma TGLS = 3,8-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 230

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3,4-5+6]

[Fibroadenoma TGLS = 1,4-4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 231

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, .7 x .4 cm" and "mass, .6 x .5 cm" noted at necropsy were normal salivary gland and lymph node, respectively.

[Carcinoma TGLS = 8-7]

[Fibroadenoma TGLS = 1,2,5,6,7,9-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 232

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver		Angiectasis	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,4,2,3,5-5+4+6]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 233

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1187

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Mild

* Liver

Histiocytic Sarcoma

Clear Cell Focus

* Lung

Histiocytic Sarcoma

* Mammary Gland

Histiocytic Sarcoma

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12,13-5+4+6+7+8+9]

[Fibroadenoma TGLS = 2,6-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 234

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.2 - 0.5 cm dia, multiple" noted at necropsy was not apparent microscopically.

Note: "Mass, 1.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,3,4,5,7,8-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 235

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 4,14,15-5+9]

[Fibroadenoma TGLS = 1,2,3,5,6,7,8,9,10,11,12,13,16-5+4+6+7+8+9]

[Fibroadenoma TGLS = 17,18-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 236

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Carcinoma

Metastatic (Mammary Gland)

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .4 x .2 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,4,5,8,11,12,15,16-6+4+5+8+9+10]

[Fibroadenoma TGLS = 3,4,6,7,9,10,12,13,14-6+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 237

TRT#: 3

SEX: Female

DAY ON TEST: 157

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

[Leukemia Mononuclear TGLS = 2-1]

Leukemia Mononuclear

* Lung

Leukemia Mononuclear

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-5]

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 238

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 3-5]

[Fibroadenoma TGLS = 1,2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 239

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 2-5]

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 240

TRT#: 3

SEX: Female

DAY ON TEST: 114

DOSE: 50 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1194

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-1]

* Lung

Leukemia Mononuclear

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-6+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 241

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,6,7,8,9,10,11,12-5+6+4+7+8+9+10+11]

[Carcinoma TGLS = 13,14-12]

[Fibroadenoma TGLS = 3,5,10,12-6+4+9+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 242

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Dilatation

Mild

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 243

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,4-5+6]

[Fibroadenoma TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 244

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 4,8,12,13-5+7+8+9]

[Fibroadenoma TGLS = 1,2,3,5,6,7,8,9,10,11-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 245

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 0.5 x 0.8 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 2,4,5,6,7,8,9,10-4+5+6+7]

[Fibroadenoma TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 246

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 24,25-18]

[Carcinoma TGLS = 13,14,15,16,17,18,19,22,23-12+13+14+15+16+17]

[Carcinoma TGLS = 1,2,3,4,5,7,8,9,10,11,12-6+7+4+8+5+9+10+11]

[Fibroadenoma TGLS = 3,6,8,17,19,20,21,23,24-6+4+8+15+16+17+18]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 247

TRT#: 3

SEX: Female

DAY ON TEST: 115

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Minimal

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 248

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 2,3,4,7,9,10,12-5+4+6+7+8]

[Fibroadenoma TGLS = 1,5,8,11-5+4+6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 249

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 250

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

Eosinophilic Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-5]

[Fibroadenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 251

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 252

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Galactocele

Mild

[Carcinoma TGLS = 9,11-8+9]

[Fibroadenoma TGLS = 2,3,4,5,6,7,8,10,12-5+6+7+8+10]

[Galactocele TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 253

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 15,17,16-11+12]

[Carcinoma TGLS = 1,2,3,4,5,6,8,7,9,10,11,12,14-4+5+6+7+8+9+10]

[Fibroadenoma TGLS = 13,17-10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 254

TRT#: 3

SEX: Female

DAY ON TEST: 132

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

MISSING

* Kidney

* Liver

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 255

TRT#: 3

SEX: Female

DAY ON TEST: 166

DOSE: 50 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1209

OBSERVATIONS

* Kidney	Leukemia Mononuclear	
	Nephropathy	Moderate
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]		
* Lung	Leukemia Mononuclear	
Lymph Node	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]		
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
	Galactocele	Mild
	Hyperplasia	Mild
[Carcinoma TGLS = 6,12,13,14,16,19-6+7+9+4+10+11]		
[Fibroadenoma TGLS = 2,7,9,11,18,20-4+7+8+9+11+12]		
[Galactocele TGLS = 8,10,15-8+10]		
[Hyperplasia TGLS = 3,4,17-5+10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 256

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,4-5+6]

[Fibroadenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 257

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Eosinophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,7,8,6-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 258

TRT#: 3

SEX: Female

DAY ON TEST: 134

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney		Mineralization	Mild
* Liver	Centrilobular	Necrosis	Mild
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,2,3,4,5,6,7,9-4+5+6+7+8+9]

[Fibroadenoma TGLS = 8-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 259

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,4,5,7,8,13,14,18-4+6+8+9+11+13]

[Fibroadenoma TGLS = 19,20,21-14+15]

[Fibroadenoma TGLS = 2,3,6,8,9,10,11,12,13,15,16,17-5+7+9+8+10+11+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 260

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Inflammation

Chronic, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1.4 x .7 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,4,5,6,7,8-5+4+6+7+8+9]

[Fibroadenoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 261

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3-5+6]

[Fibroadenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 262

TRT#: 3

SEX: Female

DAY ON TEST: 115

DOSE: 50 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney

Infiltration Cellular

Mixed Cell, Moderate

* Liver

Infiltration Cellular

Mixed Cell, Moderate

Centrilobular

Necrosis

Minimal

[Infiltration Cellular TGLS = 8-1]

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.3 x 0.2 cm" noted at necropsy was not apparent microscopically.

Note: "Mass, 0.7 x 1 cm" and "mass, 0.5 x 0.7 cm" noted at necropsy were lymph nodes.

[Carcinoma TGLS = 1,2,4,5-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 263

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation	Minimal
* Lung	Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 5-3]		
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
[Carcinoma TGLS = 1,2,3-5+6+7]		
[Fibroadenoma TGLS = 1,4-5+7]		
Skin	Trichoepithelioma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 264

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney Nephropathy Minimal

* Liver Cyst Mild

[Cyst TGLS = 4-1]

* Mammary Gland Carcinoma Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 265

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,6,7,8,9-4+5+6+7+8]

[Fibroadenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 266

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Liver

Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,5-4+6]

[Fibroadenoma TGLS = 15,16,17,18,19,20,21,22,23,24,25,26-10+11+12+13+14]

[Fibroadenoma TGLS = 28,29-16]

[Fibroadenoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,27-4+5+6+7+8+9+15]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 267

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, 1 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were lymph nodes.

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 3,6-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 268

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,2-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 269

TRT#: 3

SEX: Female

DAY ON TEST: 172

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, .5 x .2 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1,2,3,4,7,8,9,10,11,12,13-4+5+6+7+8+9+10]

[Fibroadenoma TGLS = 6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 270

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was skeletal muscle.

[Fibroadenoma TGLS = 1,2,3,5,6,7-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 271

TRT#: 3

SEX: Female

DAY ON TEST: 131

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Centrilobular

Hematopoietic Cell Proliferation

Mild

Necrosis

Mild

[Necrosis TGLS = 3-1]

* Lung

Carcinoma

Metastatic (Mammary Gland)

Thrombosis

Moderate

Note: "Focus, 2 mm diam, pale" noted at necropsy and "nodule, 1 mm dia, white" noted at trim were not apparent microscopically.

[Carcinoma TGLS = 5,6-3+6]

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 272

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.5 x 1 cm" noted at necropsy was adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2,3,4,5-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 273

TRT#: 3

SEX: Female

DAY ON TEST: 91

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Mammary Gland

OBSERVATIONS

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-1]

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 274

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Liver

Note: There was no microscopic finding to account for the "pale" liver noted at necropsy.

* Lung

Carcinoma

Metastatic (Mammary Gland)

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,4,3,5,6,7,8-5+4+6+7+8]

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 275

TRT#: 3

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1229

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Hematopoietic Cell Proliferation

Mild

* Lung

Alveolus

Leukemia Mononuclear

Infiltration Cellular

Histiocyte, Mild

Leukemia Mononuclear

[Infiltration Cellular TGLS = 12-2+3]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, .5 x .4 cm" noted at necropsy was lymph node.

Note: "Mass, .8 x .7 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 2,4,3,7,8,9,10,11-5+6+7+8+9+10]

[Fibroadenoma TGLS = 6-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 276

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,11,12-4+5+6+7+8+9+10+11+12]

[Fibroadenoma TGLS = 11,13,14-12+13]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 10-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 277	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: 50 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,4,7,11,13,14-4+5+7+9+10]

[Fibroadenoma TGLS = 2,3,5,6,8,9,10,12,14,15,16,17-5+6+7+8+9+10+11+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 278

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

Thrombosis

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3-5+6]

[Fibroadenoma TGLS = 1,2,3,4,5,8,6,7,9,10,11,12,13,14,15-5+6+4+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 279

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,7,8-4+5+6+7]

[Fibroadenoma TGLS = 6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 280

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,5,6,7,8,9,11,13,14,17-5+4+6+7+8+9+10+11]

[Fibroadenoma TGLS = 3,4,5,10,12,15,16-6+4+8+9+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 281

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

Hematopoietic Cell Proliferation

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 282

TRT#: 3

SEX: Female

DAY ON TEST: 127

DOSE: 50 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 6-1]

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.5 x 0.4 cm" noted at necropsy was lymph node.

Note: "Mass, 1 x 0.3 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1,4,5-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 283

TRT#: 3

SEX: Female

DAY ON TEST: 164

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1237

OBSERVATIONS

* Kidney		Leukemia Mononuclear Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 1-4]			
* Liver	Centrilobular	Leukemia Mononuclear Necrosis	Moderate
[Leukemia Mononuclear TGLS = 2-1]			
* Lung		Leukemia Mononuclear Leukemia Mononuclear	
Lymph Node			
[Leukemia Mononuclear TGLS = 4,9,12-5+7+8]			
* Mammary Gland		Carcinoma Fibroadenoma Leukemia Mononuclear	Multiple Multiple
[Carcinoma TGLS = 6,8,10,11-6+7+8]			
[Fibroadenoma TGLS = 3,7,13-5+6+8]			
[Leukemia Mononuclear TGLS = 5-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 284

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 285

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 286

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 3-5]

[Fibroadenoma TGLS = 1,2-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 287

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Mild

[Necrosis TGLS = 10-1]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9-6+4+5+7+8+9]

Fibroadenoma

[Fibroadenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 288

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,10-5+6+7+8+9]

[Fibroadenoma TGLS = 1,5,7,8,9,11-5+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 289

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 290

TRT#: 3

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 291

TRT#: 3

SEX: Female

DAY ON TEST: 182

DOSE: 50 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

AUTO PRECLUDES DIAG.

* Kidney

OBSERVATIONS

* Mammary Gland

Carcinoma

Note: "Mass, 3 mm dia" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 292

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 5,6,7,9,10,11,12,15,19-5+6+7+8+9+10]

[Fibroadenoma TGLS = 1,2,3,4,8,13,14,16,17,18,19,20-4+5+6+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 293

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6-5+6+4+7+8]

[Fibroadenoma TGLS = 7-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 294

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 295

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,5-4+5]

[Fibroadenoma TGLS = 1,3,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 296	TRT#: 3	SEX: Female	DAY ON TEST: 183
	DOSE: 50 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver		Angiectasis	Minimal
	[Angiectasis TGLS = 19-1]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Carcinoma	Multiple
		Fibroadenoma	Multiple
	[Carcinoma TGLS = 1,3,5,8,9,10,11,13,14,15-5+6+4+8+9+10+11]		
	[Carcinoma TGLS = 16,17-12+13]		
	[Fibroadenoma TGLS = 2,4,6,7,12,18-5+6+4+7+9+13]		
Skin		Hyperplasia	Basal Cell, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 297

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,6,4,5,7,8-5+6+4+7+8]

[Fibroadenoma TGLS = 2-6]

Skin

Basal Cell Carcinoma

[Basal Cell Carcinoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 298

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,6,7-4+5+6+7+8]

[Fibroadenoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 299

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1.2 x 1.7 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,4,6-4+5+6+7]

[Fibroadenoma TGLS = 5-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 300

TRT#: 3

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .5 x .3 cm" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 3,4,5,6-4+5]

[Fibroadenoma TGLS = 1,2,7,9,10-4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 4,5,9,10-6+4+7]

[Fibroadenoma TGLS = 1,2,3,6,7,8,9,10,11,12,13-5+6+4+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Carcinoma

Metastatic (Mammary Gland)

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8-7+4+5+6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Leukemia Mononuclear	
* Liver	Angiectasis	Minimal
	Leukemia Mononuclear	
* Mammary Gland	Carcinoma	Multiple
[Carcinoma TGLS = 1,2,4,3,5,6-5+6+4+7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Angiectasis

Mild

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,4,7,8,9,10-5+6+7+4+8+9+10]

[Fibroadenoma TGLS = 3,5,6-7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Angiectasis	Minimal
[Angiectasis TGLS = 14-1]		
* Mammary Gland	Carcinoma	
	Fibroadenoma	Multiple
[Carcinoma TGLS = 4-5]		
[Fibroadenoma TGLS = 1,2,3,5,6,7,8,9,10,11,12,13-5+4+6+7+8+9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1261

OBSERVATIONS

- * Kidney
- * Liver
- * Lung
- * Mammary Gland

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Carcinoma
Fibroadenoma
Leukemia Mononuclear

Multiple

[Carcinoma TGLS = 3,4,5,6,8,9,10,11,12-4+5+6+7+8]

[Fibroadenoma TGLS = 7-5]

[Leukemia Mononuclear TGLS = 1,2-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Mineralization

Moderate

Nephropathy

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,12-6+4+5+7+8+9]

[Fibroadenoma TGLS = 2,7,11,12-4+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,3,4,5-4+5+6]

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 311	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
[Carcinoma TGLS = 2,5,6-5+6]		
[Fibroadenoma TGLS = 1,3,4,7-5+4+7]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1 x 0.5 cm" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 1,2,6-5+7]

[Fibroadenoma TGLS = 3,4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 1 cm" and "mass, 0.3 x 0.3 cm" noted at necropsy were normal mammary gland and adipose tissue.

[Carcinoma TGLS = 1,2,3,4,5,9,10-5+6+4+8]

[Fibroadenoma TGLS = 1,3,6,11,12,13,14-5+6+4+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,4,5,6,7-4+6+7]

[Fibroadenoma TGLS = 1,3,4,6-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,7,8,9,10,11,12,13,14-6+4+7+8+9+10]

[Fibroadenoma TGLS = 2,3,4,6,8,9,13,14-6+4+5+7+8+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1271

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Liver

Basophilic Focus

Hematopoietic Cell Proliferation

Moderate

Note: "Pale" liver noted at necropsy was due to anemia secondary to multiple neoplasms.

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Thrombosis

Minimal

* Mammary Gland

Carcinoma

Multiple

Note: TGL 3-6 appeared to be an extension or metastasis from the zymbal's mass noted at necropsy.

[Carcinoma TGLS = 1,2,3,4,5,6,7,8-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney	Pelvis	Inflammation	Suppurative, Mild
* Lung		Carcinoma	Metastatic (Mammary Gland)
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,2,3-5+6]

[Fibroadenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 5-6]

[Fibroadenoma TGLS = 1,3,2,4-5+4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 1,3,5-5+6]

[Fibroadenoma TGLS = 2,4-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-5]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 323	TRT#: 4	SEX: Female	DAY ON TEST: 183
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Carcinoma	Multiple
	Fibroadenoma	

[Carcinoma TGLS = 15,16,17-11+12]

[Carcinoma TGLS = 1,2,3,5,6,7,8,9,10,11,12,13,14-6+4+5+7+8+9+10]

[Fibroadenoma TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

Inflammation

Granulomatous, Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 71

DOSE: 60 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Mammary Gland

OBSERVATIONS

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-1]

* Lung

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

Note: "Mass, 1 x 0.5 cm" noted at necropsy was lymph node.

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.5 x 0.5 cm" noted at necropsy were adipose tissue and normal mammary gland.

[Fibroadenoma TGLS = 2,3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were lymph nodes.

[Fibroadenoma TGLS = 1,3,4,6-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Note: There was no microscopic finding to account for the "mottled" appearance noted at necropsy.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Mammary GI

Note: "Mass, 1 x .7 cm" noted at necropsy was adipose tissue.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Galactocele

Mild

Galactocele

Moderate

Note: "Mass, .2 x .2 cm" noted at necropsy was lymph node.

Note: "Mass, .3 x .2 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 4,5,14,18,19,20,29-6+8+9+10+14]

[Fibroadenoma TGLS = 2,22,28-5+11+12]

[Galactocele TGLS = 1,3,6,11,12,7,8,9,13,15,16,17-5+6+7+4+8+9]

[Galactocele TGLS = 21,22,23,24,25,27,29,30,31-11+12+13+14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,4,5,6,7,8-4+5+6+7]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Galactocele

Mild

[Carcinoma TGLS = 1,2,11-5+9]

[Fibroadenoma TGLS = 3,5,4,9,10,11-6+4+8+9]

[Galactocele TGLS = 6,7,8,12-6+7+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,5,2,3,4,6,7,8,9-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1,2,5,3,4,8-7+6+5+4]

[Fibroadenoma TGLS = 1,3,7,8-7+5+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
[Carcinoma TGLS = 1,4,3-6+5]		
[Fibroadenoma TGLS = 2,4-6]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 174

DOSE: 60 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1290

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 9-1]

* Lung

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5,6,7,8-2+3]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,4,13,10,11,12,14,15,16-6+7+5+4+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Liver

Note: "Focus, 0.2 - 0.5 cm dia, dark" noted at necropsy was not apparent microscopically.

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 1 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 338

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1 x 1 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1,2,8,9,10,11,13-5+6+7+8+9+10+11]

[Fibroadenoma TGLS = 3,4,5,6,9,12-7+4+8+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,6,7-5+6+7+8+9]

[Fibroadenoma TGLS = 4-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1 x 0.5 cm" noted at necropsy was skeletal muscle.

[Carcinoma TGLS = 1,2,3,4,5,6-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2-4+5]

[Fibroadenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

Hematopoietic Cell Proliferation

Moderate

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 1 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 15,16-12]

[Carcinoma TGLS = 2,3,4,5,6,7,8,9,10,11,12,13,14-5+6+4+7+8+9+10+11]

[Fibroadenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Mineralization

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,5,6,7,8-5+6+4+7+8]

[Fibroadenoma TGLS = 1,3,6,7,4,5,9,10,11-5+7+4+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 13,14,15-10+11]

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11,12-5+6+4+7+8+9]

[Fibroadenoma TGLS = 5-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,4-5+4]

[Fibroadenoma TGLS = 1,5,2,3-5+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,3,2,4,5,6,7,8,9,10-5+4+6+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 3-5]

[Fibroadenoma TGLS = 1-4]

Skin

Subcut Tiss

Hemangioma

Trichoepithelioma

[Hemangioma TGLS = 4-4]

[Trichoepithelioma TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: 60 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Liver

Note: The "enlarged" appearance noted at necropsy was not apparent microscopically.

* Lung

Note: "Mottled tan" appearance noted at necropsy was not apparent microscopically.

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-5+6+7+4+8]

[Fibroadenoma TGLS = 3,4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 1 cm" noted at necropsy was lymph node.

[Fibroadenoma TGLS = 1,2,3,5,6,7,8,9-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

* Lung

Carcinoma

Metastatic (Mammary Gland)

[Carcinoma TGLS = 2-2+3]

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 353

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,3-5]

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 354

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,6,4,5,7,8,9,10-5+6+4+7+8]

[Fibroadenoma TGLS = 3,6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Liver

Note: "Focus, 5 mm diam, pale" noted at trim was not apparent microscopically.

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 3-4]

[Fibroadenoma TGLS = 1,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11-5+6+7+8+9+10+11]

[Fibroadenoma TGLS = 10-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,4,5,6-4+5+6]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 359

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6-4+5+6+7]

[Fibroadenoma TGLS = 1,7-4+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

Note: "Mass, 1 x .5 cm" noted at necropsy was lymph node and normal mammary gland.

[Carcinoma TGLS = 1,4,2,3,6,7,8,9-4+5+6+7+8]

[Fibroadenoma TGLS = 7,8-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 361

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9-5+4+6+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,3,2,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 363

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.2 x 0.2 cm" noted at necropsy were normal mammary gland and adipose tissue.

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was clitoral gland.

[Carcinoma TGLS = 1,4,3,7,9,10,11-4+5+6+7]

[Fibroadenoma TGLS = 5-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 364

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 365

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 23,30-11+14]

[Carcinoma TGLS = 2,3,4,5,8,9,10,11,16,17,18-5+6+7+4+9+10]

[Fibroadenoma TGLS = 1,2,4,6,7,12,13,14,15,19,20,21-5+6+7+4+8+10+11]

[Fibroadenoma TGLS = 22,23,24,25,26,27,28,29-11+12+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 366

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,4,6,13-5+4+10]

[Fibroadenoma TGLS = 15,16-12]

[Fibroadenoma TGLS = 1,2,4,3,5,7,8,9,10,11,12,14-5+4+6+7+8+9+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 367

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 2,4-5]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 368

TRT#: 4

SEX: Female

DAY ON TEST: 151

DOSE: 60 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1322

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 24-1]

* Lung

Leukemia Mononuclear

Lymph Node

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5,6,10,11,14,16,18,22-6+7+9+10+13]

Lymph Node, Mandibular

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1,2-4+5]

* Mammary Gland

Carcinoma

Multiple

Leukemia Mononuclear

[Carcinoma TGLS = 7,9,12,13,15,17,20,21,23-6+7+8+9+10+11+12+13]

[Leukemia Mononuclear TGLS = 3,4,8,19-5+4+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 369

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,3,8,2,4,5,6,7-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 370	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 5-5]			
[Fibroadenoma TGLS = 1,2,4,6,7-4+5+6+7]			
Skin		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 371

TRT#: 4

SEX: Female

DAY ON TEST: 85

DOSE: 60 HZ/1G 10 DMBA

DISP: Natural Death

HISTO: 296-1325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Lung

Note: "Pale mottled" appearance noted at necropsy was not apparent microscopically.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 372

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Mammary Gland

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary GI

Note: "Mass, .5 x .5 cm" and "mass, .7 x .8 cm" noted at necropsy were adipose tissue and normal mammary gland.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 373

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Lung

Carcinoma

Metastatic (Mammary Gland)

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3-5+7]

[Fibroadenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 374

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 2,3-5+4]

[Fibroadenoma TGLS = 1,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 375

TRT#: 4

SEX: Female

DAY ON TEST: 184

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 376

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3-5+6]

[Fibroadenoma TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 377

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 2-5]

[Fibroadenoma TGLS = 3-5]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 378

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Mammary Gland

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 379

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Mammary GI

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.5 x 0.5 cm" noted at necropsy were adipose tissue and lymph node, respectively.

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.5 x 0.5 cm" noted at necropsy were adipose tissue.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 380

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: 60 HZ/1G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1334

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Thrombosis	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	

[Carcinoma TGLS = 1,2-5+6]
[Fibroadenoma TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 381

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Liver

Note: There was no microscopic finding to account for the "enlarged" appearance noted at necropsy.

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,5-5+6+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 382	TRT#: 4	SEX: Female	DAY ON TEST: 186
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	

[Carcinoma TGLS = 1,2,4,3,5,6,7,8,9-5+4+6+7]
[Fibroadenoma TGLS = 4-5]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 383

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

Note: "Mass, 0.5 cm dia, multiple" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 4,6,8-4+5+6]

[Fibroadenoma TGLS = 1,2,4,3,7,9,10-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 384

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 385

TRT#: 4

SEX: Female

DAY ON TEST: 186

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Note: "Mass, 1 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were lymph nodes.

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 386

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1340

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
		[Carcinoma TGLS = 1,3,4,5,6,7,9,10-5+4+6+7+8+9]	
		[Fibroadenoma TGLS = 2,5,8-6+9]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 387

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 388

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-5+4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 389	TRT#: 4	SEX: Female	DAY ON TEST: 183
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,4,3,5,6,7,9-5+6+4+7+8]
[Fibroadenoma TGLS = 5,8-7+8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 390

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Mild

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 391

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 2,3-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 392

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 393	TRT#: 4	SEX: Female	DAY ON TEST: 183
	DOSE: 60 HZ/1G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,10-4+5+7]
[Fibroadenoma TGLS = 1,3,2,4,5,6,7,8,9,11,12,13-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 394

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.2 x 0.2 cm" noted at necropsy was not apparent microscopically.

[Carcinoma TGLS = 1,2,7,8-5+6+7]

[Fibroadenoma TGLS = 3,4-5+4]

Skin

Cyst Epithelial Inclusion

[Cyst Epithelial Inclusion TGLS = 5-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 395

TRT#: 4

SEX: Female

DAY ON TEST: 183

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 4-6]

[Fibroadenoma TGLS = 1,2,3,5-4+5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 396

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was mammary gland and adipose tissue.

[Carcinoma TGLS = 1,3,6,4,5,7,8,10,11,12-5+6+4+7+8+9]

[Fibroadenoma TGLS = 2,9,10-5+8]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 397

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney * Lung

OBSERVATIONS

* Liver	Basophilic Focus	
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
	Fibroadenoma	Multiple
	Hyperplasia	Mild
	Inflammation	Chronic Active, Moderate

[Carcinoma TGLS = 1,12,23-6+9+14]

[Fibroadenoma TGLS = 17,18,20,23-12+13+14]

[Fibroadenoma TGLS = 2,3,4,5,6,7,9,10,11,13,14,15-7+8+4+5+6+10+11]

[Hyperplasia TGLS = 8,21,22-5+13]

[Inflammation TGLS = 16-11]

Skin Trichoepithelioma

[Trichoepithelioma TGLS = 19-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 398

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple

Note: "Mass, 0.2 - 0.3 cm, multiple" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 4-5]

[Fibroadenoma TGLS = 1,5,2,3,6,7,8,9,10,11,12,13,14-5+4+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 399

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,4,5-5+6+7]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 400

TRT#: 4

SEX: Female

DAY ON TEST: 187

DOSE: 60 HZ/1G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Fibroadenoma

Multiple

Galactocele

Mild

[Fibroadenoma TGLS = 3,4,6,7,8,9,10,11,12-4+5+6+7+8]

[Galactocele TGLS = 1,5,2,13,14-5+4+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 401	TRT#: 5	SEX: Female	DAY ON TEST: 186
	DOSE: 50 HZ/5G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
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OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9-6+4+5+7+8+9+10]
[Fibroadenoma TGLS = 1,2,3,4,5,6,7,8,9-6+4+5+7+8+9+10]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,7,6,8,9,10,11,12,13-5+6+4+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3,4,5-4+5+6]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, .4 x .3 cm" noted at necropsy was normal mammary gland and adipose tissue.

Note: "Mass, .4 x .3 cm" noted at necropsy was clitoral gland.

[Carcinoma TGLS = 1,2-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney

Mineralization

Mild

Nephropathy

Mild

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,6,8,7-5+6+7+8]

[Fibroadenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Moderate

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3,5,8,10-5+6+7+8]

[Fibroadenoma TGLS = 1,2,3,4,5,6,7,9-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 5

SEX: Female

DAY ON TEST: 173

DOSE: 50 HZ/5G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Fatty Change

Moderate

Centrilobular

Necrosis

Mild

[Fatty Change TGLS = 13-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,12-5+6+7+8+10]

[Fibroadenoma TGLS = 3,9,10,11-6+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Female

DAY ON TEST: 165

DOSE: 50 HZ/5G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Moderate

[Necrosis TGLS = 11-1]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10-5+6+7+8+9+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,4,5,6,7,8,9,10-5+6+4+7+8+9]

[Fibroadenoma TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 1 cm" noted at necropsy was mammary gland, adipose tissue, and skeletal muscle.

[Carcinoma TGLS = 1,4,7,8-4+5+6]

[Fibroadenoma TGLS = 3,4,5,6-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 411

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-5+4+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 412

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1366

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Liver

Angiectasis

Minimal

Basophilic Focus

[Angiectasis TGLS = 16-1]

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,7,9,10,11,12,13,14,15-5+6+4+7+8+9+10+11]

[Fibroadenoma TGLS = 4,6,8,11,13-6+4+7+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 413

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass .8 x .5 cm" noted at necropsy was lymph node.

Note: "Mass, .5 x .4 cm" noted at necropsy was adipose tissue.

[Fibroadenoma TGLS = 3,4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 414

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,4,3-4+5]

[Fibroadenoma TGLS = 2,5,4-5+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 415

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

Clear Cell Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3,4,6,7,10,12-5+6+4+8+9]

[Fibroadenoma TGLS = 1,3,5,8,9,10,11-5+6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 416

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,6,9,10,11,14-5+6+7+4+8+10+11+13]

[Fibroadenoma TGLS = 1,2,3,5,7,8,11,12,13,15-5+6+7+8+4+9+11+12+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 417

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Mineralization	Minimal
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Note: There was no microscopic finding to account for the "mottled" appearance noted at necropsy.

* Lung	Alveolar Epith	Hyperplasia	Minimal
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* Mammary Gland		Carcinoma	Multiple
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		Fibroadenoma	Multiple
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[Carcinoma TGLS = 1,2,3,5,6,7,8,10,11-5+6+4+7+8+9]

[Fibroadenoma TGLS = 3,9-6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 418	TRT#: 5	SEX: Female	DAY ON TEST: 185
	DOSE: 50 HZ/5G 10 DMBA	DISP: Terminal Sacrifice	HISTO: 296-1372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Liver	* Lung
----------	---------	--------

OBSERVATIONS

* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,3,4,5,8-4+5+6+7]
[Fibroadenoma TGLS = 2,6,7,8-5+7]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 419

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10-5+4+6+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 420

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11-5+6+4+7+8+9+10+11]

[Fibroadenoma TGLS = 9-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 421

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,4,5,6,7,9,10-5+6+7]

[Fibroadenoma TGLS = 1,3,8-4+5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 422

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Mineralization	Moderate
	Nephropathy	Mild
* Liver	Basophilic Focus	
	Hematopoietic Cell Proliferation	Minimal
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,4,5,7,8,9,10,11-5+4+6+7+8+9+10+11]

[Fibroadenoma TGLS = 5,6-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 423

TRT#: 5

SEX: Female

DAY ON TEST: 106

DOSE: 50 HZ/5G 10 DMBA

DISP: Natural Death

HISTO: 296-1377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney [Hydronephrosis TGLS = 2-6]		Hydronephrosis	Marked
* Liver	Centrilobular	Necrosis	Mild
* Mammary Gland [Carcinoma TGLS = 1-5]		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 424

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,3-5]

[Fibroadenoma TGLS = 1-4]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 425

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

Mixed Cell Focus

Note: "Focus, 0.2 - 0.4 cm, dark" was blood in normal hepatic vasculature.

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,10,12,13,15,19-5+6+4+9+10+11+12+14]

[Carcinoma TGLS = 20,24-15+17]

[Fibroadenoma TGLS = 3,4,5,6,7,8,9,10,11,12,13,14-6+4+7+8+9+10+11]

[Fibroadenoma TGLS = 16,17,18,20,21,22,23,24-13+14+15+16+17]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 426

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 427

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,6,7,8,9-4+5+6+7+8]

[Fibroadenoma TGLS = 3,4,5-5+6]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 10-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,6,7,8-5+4+7+8+9]

[Fibroadenoma TGLS = 2,4,5,7,8,9,10-5+4+6+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 429

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 430

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,3-4+5]

[Fibroadenoma TGLS = 2-5]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 431

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1385

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

Note: "Mass. 0.3 x 0.3 cm" noted at necropsy was adipose tissue and mammary gland.

[Carcinoma TGLS = 1,3,2,6,7,9-4+5+6+7+8]

[Fibroadenoma TGLS = 1,5,6,7,8-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 432

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 1,2-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 433

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,4,2,6,8-5+4+6+7]

[Fibroadenoma TGLS = 4,5,7-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 434

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Fibroadenoma

Multiple

Note: "Mass, 0.3 x 0.3 cm" noted at necropsy was adipose tissue and mammary gland.

[Fibroadenoma TGLS = 2,3,4-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 435

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,6,7,8,9,10,11,12,13,14-5+4+6+7+8+9+10+11]

[Fibroadenoma TGLS = 3,4,5-4+5+6]

Skin

Cyst Epithelial Inclusion

[Cyst Epithelial Inclusion TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 436

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1 x .9 cm, (2)" noted at trim was lymph node.

Note: "Mass, 1 x 1 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 2,3,5,6,7-6+4+7+8]

[Fibroadenoma TGLS = 2,3,4,6,8-6+4+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 437

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Infarct

Mild

Inflammation

Suppurative, Moderate

* Liver

Note: There was no microscopic finding to account for the "pale" liver noted at necropsy.

* Lung

Thrombosis

Mild

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,5,6,2,3,4,7,8,10,11,12,13,14,15-4+5+6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 438

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-5]

[Fibroadenoma TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 439

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
* Mammary Gland	Carcinoma	

Note: TGL= 3-5 = NCL

Note: "Mass, 1 x 1 cm" noted at necropsy was normal mammary gland and adipose tissue.

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

* Lung

Alveolar Epith

Hyperplasia

Moderate

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,6-5+6+7]

[Fibroadenoma TGLS = 4,5-6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 441

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

* Mammary Gland

OBSERVATIONS

* Kidney

Note: "Mottled" appearance noted at necropsy was not apparent microscopically.

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 442

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7,8,9,10,11-4+5+6+7+8+9]

[Fibroadenoma TGLS = 4,8,9-6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 443

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Fatty Change

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,4,6,7-4+5+6+7]

[Fibroadenoma TGLS = 1,3,5-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 444

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3,4,5,6,9,10,11,13-5+6+7+9+10+11]

[Fibroadenoma TGLS = 1,3,6,7,8,11,12,13-4+6+7+8+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 445

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 1,2,3,4,5,7,6,8,9,10-4+5+6+7+8+9]

[Fibroadenoma TGLS = 9-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 446

TRT#: 5

SEX: Female

DAY ON TEST: 135

DOSE: 50 HZ/5G 10 DMBA

DISP: Natural Death

HISTO: 296-1400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 6-1]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
Note: "Mass, 0.7 x 0.7 cm" noted at necropsy was lymph node.			
Note: "Mass, 0.7 x 0.5 cm" noted at necropsy was lymph node and mammary gland.			
[Carcinoma TGLS = 2,3,5-5+6+7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 447

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 448

TRT#: 5

SEX: Female

DAY ON TEST: 176

DOSE: 50 HZ/5G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Mineralization

Moderate

Nephropathy

Mild

* Lung

Inflammation

Granulomatous, Mild

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3-5+4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 449

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 450

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,3,6,7-4+5+6+7]

[Fibroadenoma TGLS = 3,4,5,8,9,10-5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 451

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Renal Tubule

Adenoma

Nephropathy

Minimal

* Liver

Note: "Focus, 0.4 cm dia, dark" noted at necropsy was not apparent microscopically.

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4-5+4+6+7]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 452

TRT#: 5

SEX: Female

DAY ON TEST: 138

DOSE: 50 HZ/5G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney

Leukemia Mononuclear

Nephropathy

Moderate

* Liver

Hematopoietic Cell Proliferation

Minimal

Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,4,5,8,6,9,10-4+5+6+7+8]

[Fibroadenoma TGLS = 2,7-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 453

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1407

OBSERVATIONS

* Kidney

Leukemia Mononuclear

* Liver

Leukemia Mononuclear

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Leukemia Mononuclear

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,3-5+6]

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 454

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, .7 x .5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 5,10,14,16,17-6+8+9+11+10]

[Fibroadenoma TGLS = 1,3,4,6,7,8,9,10,11,12,13,14,15,18-5+6+4+7+8+9+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 455

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Galactocele

Mild

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was skeletal muscle and adipose tissue.

[Carcinoma TGLS = 3,4,8,11,12,14-5+6+8+9+10]

[Fibroadenoma TGLS = 1,5,7,9,10,13-4+6+7+8+10]

[Galactocele TGLS = 6-7]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 456

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney Nephropathy Minimal

* Liver Angiectasis Minimal

[Angiectasis TGLS = 9-8]

* Mammary Gland Carcinoma Multiple

Fibroadenoma Multiple

[Carcinoma TGLS = 1,5,6,7,10-4+6+7+8]

[Fibroadenoma TGLS = 2,3,4,8-5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 457

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" and "mass, 0.7 x 0.5 cm" noted at necropsy were lymph nodes.

[Carcinoma TGLS = 3,6,7-5+6]

[Fibroadenoma TGLS = 1,2,8,9-4+5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 458

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,6,7,8,9,10,11,13,14-5+6+7+8+9+10]

[Fibroadenoma TGLS = 4,5,12-6+7+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 459

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney Nephropathy Minimal

Note: The "mottled" appearance noted at necropsy was not apparent microscopically.

* Liver Clear Cell Focus

* Mammary Gland Carcinoma Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue and normal mammary gland.

[Carcinoma TGLS = 1,2-5+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 460

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-4+5+6+7+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 461

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Note: "Mass, .6 x .4 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1-4]

Skin

Cyst Epithelial Inclusion

[Cyst Epithelial Inclusion TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 462

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3-5+6]

[Fibroadenoma TGLS = 1,4-4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 463

TRT#: 5

SEX: Female

DAY ON TEST: 89

DOSE: 50 HZ/5G 10 DMBA

DISP: Moribund Sacrifice

HISTO: 296-1417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,7-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 464

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Angiectasis

Minimal

Note: There was no microscopic finding to account for the "enlarged" liver noted at necropsy.

* Lung

Alveolar Epith

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,6,11,12,15,17-4+6+9+10+11]

[Fibroadenoma TGLS = 2,3,4,5,7,8,9,10,11,12,13,15,16-5+6+7+8+9+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 465

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 4,8-5+7]

[Fibroadenoma TGLS = 1,2,3,4,5,6,7,9-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 466

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

[Basophilic Focus TGLS = 10-1]

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was not apparent microscopically.

Note: "Mass, 0.5 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were lymph nodes.

[Carcinoma TGLS = 1,3,4,6,8-5+6+7+8]

[Fibroadenoma TGLS = 2-5]

Skin

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 467

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,5,7,8,9,12-5+6+7+8+9]

[Fibroadenoma TGLS = 2,4,6,10-6+4+9]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 11-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 468

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Liver

Basophilic Focus

Note: There was no microscopic finding to account for the "mottled" appearance noted at necropsy.

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,6,8,10-4+5+6+7+8+9]

[Fibroadenoma TGLS = 2,4,6,8,9-6+7+8+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 469

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,5,6,7,8,9,11,12,13-4+5+6+7+8+9+10]

[Fibroadenoma TGLS = 2,4,10,14,15,16,17,18,19-5+8+11+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 470

TRT#: 5

SEX: Female

DAY ON TEST: 185

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple

[Carcinoma TGLS = 1,2,4,6,7,8-4+5+6+7]

[Fibroadenoma TGLS = 3,5,9-4+5+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 471

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,6,7,10,11,13,12,14,15-5+6+7+8+9+10+11+12]

[Fibroadenoma TGLS = 2,4,5,6,7,8,10,12,15-6+7+8+9+11+12]

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 9-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 472

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Necrosis

Mild

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was lymph node.

Note: "Mass, 0.5 x 0.5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1,2,3,5,6-4+5+6+7]

[Fibroadenoma TGLS = 1,4-4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 473

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 16,17-12+13]

[Carcinoma TGLS = 3,4,6,7,8,9,10,11,12,13,14-5+6+7+8+9+10+11]

[Fibroadenoma TGLS = 1,5,2,11,15,18-4+5+10+12+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 474

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, 1 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 4-5]

[Fibroadenoma TGLS = 2,3,5,6,7,8-5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 475

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,4,6,8,9,10,11-4+5+6+7+8+9]

[Fibroadenoma TGLS = 2,3,5,7,12-5+6+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 476

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1430

OBSERVATIONS

* Kidney

Mineralization

Marked

* Liver

Nephropathy

Moderate

* Lung

Alveolus

Clear Cell Focus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Note: "Mass, 1.5 x 1.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 1,2,3,4,6,5,7,8,9,10,12,13,14,15-4+5+6+7+8+9+10]

Skin

Cyst Epithelial Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 477

TRT#: 5

SEX: Female

DAY ON TEST: 77

DOSE: 50 HZ/5G 10 DMBA

DISP: Natural Death

HISTO: 296-1431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

* Mammary Gland

OBSERVATIONS

* Liver

Necrosis

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 478

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Note: TGL 6-7 has a strong sebaceous or zymbal's like component.

[Carcinoma TGLS = 1,2,4,6,7,9-4+5+6+7+8+9]

[Fibroadenoma TGLS = 1,3,5,8,10-4+5+6+8+9]

Skin

Hyperplasia

Basal Cell, Mild

Trichoepithelioma

[Trichoepithelioma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 479

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1433

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
[Angiectasis TGLS = 1-1]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
[Carcinoma TGLS = 3,4-5]			
[Fibroadenoma TGLS = 2,5,6-4+6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 480

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Basophilic Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2-5+6]

[Fibroadenoma TGLS = 3,4-6+4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 481

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,6,7,8,10-4+5+6+7+8]

[Fibroadenoma TGLS = 4,9,10-6+8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 482

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

[Carcinoma TGLS = 2,3,4,5,6,7-5+6+7+8]

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 483

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,6,8,9,10,11,12,13,14-4+5+6+7+8+9+10]

[Fibroadenoma TGLS = 5,7,15,16-6+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 484

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Mild

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 5-6]

[Fibroadenoma TGLS = 1,2,3,4,6,7,8-4+5+6+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 485

TRT#: 5

SEX: Female

DAY ON TEST: 183

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Note: "Mass, .7 x .5 cm" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 486

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 1,2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11
Test Type: INIT/PROMOT
Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014
Time Report Requested: 04:07:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 487

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hematopoietic Cell Proliferation	Minimal
* Mammary Gland	Carcinoma	Multiple
	Fibroadenoma	Multiple
	[Carcinoma TGLS = 1,3,4,5,6,7,8,9,10,11,12,13-6+7+8+4+5+9+10]	
	[Fibroadenoma TGLS = 2,6,7,9,10-6+8+4+9]	
Skin	Trichoepithelioma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 488

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,5,7,9,10-5+4+6]

[Fibroadenoma TGLS = 1,4,6,8-5+4+6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 489

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 2,3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 490

TRT#: 5

SEX: Female

DAY ON TEST: 187

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

Fibroadenoma

Multiple

Note: "Mass, 1 x 0.5 cm" noted at necropsy was lymph node.

[Carcinoma TGLS = 2,4,6,14,21-6+4+7+10]

[Fibroadenoma TGLS = 20,21,22,23,25,26-10+11]

[Fibroadenoma TGLS = 1,3,5,7,8,9,16,10,11,12,13,15,17,18,19-6+4+8+5+7+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 491

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Mammary Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 492

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Note: "Mass, .4 cm dia" noted at necropsy was adipose tissue.

[Carcinoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 493

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 2,3,4,6,7-4+5+6+8+9]

[Fibroadenoma TGLS = 1,5-5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 494

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 495

TRT#: 5

SEX: Female

DAY ON TEST: 184

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,3,4,5-4+5+6]

[Fibroadenoma TGLS = 2,6,7-5+7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 496

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Mammary Gland

Carcinoma

Fibroadenoma

Multiple

Note: "Mass, 0.5 x 1 cm" noted at necropsy was adipose tissue.

Note: "Mass, 1 x 0.5 cm" and "mass, 1 x 0.5 cm" noted at necropsy were skeletal muscle and adipose tissue.

[Carcinoma TGLS = 1-4]

[Fibroadenoma TGLS = 1,2,3,4,5,6-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 497

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

* Lung

OBSERVATIONS

* Mammary Gland

Carcinoma

Fibroadenoma

[Carcinoma TGLS = 2-5]

[Fibroadenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 498

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Kidney

Note: "Mottled" appearance noted at necropsy was not apparent microscopically.

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Mammary Gland

Carcinoma

Multiple

Fibroadenoma

Multiple

[Carcinoma TGLS = 1,2,3,4,5,6,8,9,10,12,13-5+4+6+7+8+9]

[Fibroadenoma TGLS = 6,7-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 499

TRT#: 5

SEX: Female

DAY ON TEST: 186

DOSE: 50 HZ/5G 10 DMBA

DISP: Terminal Sacrifice

HISTO: 296-1453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Lung

OBSERVATIONS

* Liver

Clear Cell Focus

* Mammary Gland

Carcinoma

Multiple

Note: TGL 5-5 has a prominent sebaceous or zymbal's like component.

[Carcinoma TGLS = 1,3,2,4,5-4+5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 89029-11

Test Type: INIT/PROMOT

Species/Strain: Rat/SD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Magnetic fields + DMBA initiation promotion
CAS Number: EMF+DMBA

Date Report Requested: 10/23/2014

Time Report Requested: 04:07:27

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 500

TRT#: 5

SEX: Female

DAY ON TEST: 162

DOSE: 50 HZ/5G 10 DMBA

DISP: Natural Death

HISTO: 296-1454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Liver

OBSERVATIONS

* Lung

Carcinoma

Metastatic (Mammary Gland)

[Carcinoma TGLS = 1-2]

* Mammary Gland

Carcinoma

Multiple

[Carcinoma TGLS = 2,5,3,4-6+4+5]

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE