Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:20 First Dose M/F: NA / NA Lab: ILS

C Number:	C55312
C Number.	055512
Lock Date:	08/21/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Route: SKIN APPLICATION

Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

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Liver + 1 <th>DAY ON TEST P53(C57BL/6) Mouse Male 0 MG ANIMAL ID</th> <th>0 1 8 8 0 0 1 3 4</th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 4 5</th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>8</i></th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>6</i> <i>3</i></th> <th><i>0</i> <i>1</i> <i>2</i> <i>5</i> 0 0 1 6 9</th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>7</i> <i>1</i></th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 0</th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 3</th> <th><i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 7</th> <th>0 1 8 8 0 0 0 2 0 1</th> <th>*TC</th> <th><u>)TA</u></th> <th>LS</th>	DAY ON TEST P53(C57BL/6) Mouse Male 0 MG ANIMAL ID	0 1 8 8 0 0 1 3 4	<i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 4 5	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>8</i>	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>6</i> <i>3</i>	<i>0</i> <i>1</i> <i>2</i> <i>5</i> 0 0 1 6 9	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>7</i> <i>1</i>	<i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 0	<i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 3	<i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 9 7	0 1 8 8 0 0 0 2 0 1	*TC	<u>)TA</u>	LS
Infiltration Cellular, Mixed Cell 1		+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mononuclear Cl 1	Centrilobular, Vacuolization Cytoplasmic			1									1	1.0
Midzonal, Hypertrophy 1	Infiltration Cellular, Mixed Cell		1	1				1					3	1.0
Vacuolization Cytoplasmic 1<	Infiltration Cellular, Mononuclear Cl					1							1	1.0
Salivary Glands +	Midzonal, Hypertrophy	1	1	1	1			1	1		1		7	1.0
Artery, Submandibul GI, Inflammation 3 1 3 1 3.0 Submandibul GI, Infiltration Cellular, Lymphocyte 1 1 1 1 2 1 1 2 1 8 1.3 Stomach, Forestomach + + + + + + + + 10 - - 1 2 1 8 1.3 Stomach, Forestomach + + + + + + + + + 10 - - - 2 - 1 2.0 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1	Vacuolization Cytoplasmic				1								1	1.0
Submandibul GI, Infiltration Cellular, Lymphocyte 1 1 1 1 2 1 1 2 1 1 2 1 8 1.3 Stomach, Forestomach + + + + + + + + + + 10 - - 1 2.0 Stomach, Glandular + + + + + + + + + + 10 - 1 2.0 1 2.0 1 2.0 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1 <	Salivary Glands	+	+	+	+	+	+	+	+	+	+	10		
Lymphocyte Stomach, Forestomach + 10 - - 10 - - 1 2.0 1 2.0 1 2.0 1 1 1 1 1 2.0 1 2.0 1 1 2.0 1 1 2.0 1 1 2.0 1 <	Artery, Submandibul GI, Inflammation					3							1	3.0
Stomach, Glandular + 1		1		1	1		2	1	1	2	1		8	1.3
Artery, Inflammation 2 1 2.0 Cyst 1 - 1 1.0 Cardiovascular System - - - 1 1.0 NONE - </td <td>Stomach, Forestomach</td> <td>+</td> <td>10</td> <td></td> <td></td>	Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10		
Cyst 1 1 1 1.0 Cardiovascular System 1 1 1.0 NONE Endocrine System 4 4 4 4 4 4 4 9 Adrenal Cortex + + + + + + 9 1 Degeneration, Fatty 1 1 1 1 1 1 8 1.0	Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10		
Cardiovascular System NONE Endocrine System Adrenal Cortex + + + + + + 9 Degeneration, Fatty 1 1 1 1 1 1 8 1.0	Artery, Inflammation					2							1	2.0
NONE Endocrine System Adrenal Cortex + + + + + + + 9 Degeneration, Fatty 1 1 1 1 1 1 8 1.0	Cyst	1											1	1.0
Endocrine System Adrenal Cortex + + + + + + + M + + + 9 Degeneration, Fatty 1 1 1 1 1 1 1 1 1 8 1.0	Cardiovascular System													
Degeneration, Fatty 1 1 1 1 1 1 1 1 8 1.0														
	Adrenal Cortex	+	+	+	+	+	+	М	+	+	+	9		
Hypertrophy 2 1 2.0	Degeneration, Fatty	1	1	1	1		1		1	1	1		8	1.0
	Hypertrophy	2											1	2.0

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

Experiment Number: 55312-06 Test Type: 26-WEEK Route: SKIN APPLICATION

Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DA P53(C57BL/6) Mouse Mal 0 MG	Y ON TEST	0 1 8 8	0 1 8 8	0 1 8 8	0 1 8 8	0 1 2 5	0 1 8 8	0 1 8 8	0 1 8 8	0 1 8 8	0 1 8 8			
	ANIMAL ID	0 0 1 3 4	0 0 1 4 5	0 0 1 5 8	0 0 1 6 3	0 0 1 6 9	0 0 1 7 1	0 0 1 9 0	0 0 1 9 3	0 0 1 9 7	0 0 2 0 1	*TC	ΟΤΑ	LS_
Adrenal Medulla		+	+	+	+	Μ	+	Μ	+	+	+	8		
Pituitary Gland		Ι	+	+	+	+	+	+	+	+	+	9		
Pars Distalis, Cyst										1			1	1.0
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10		
General Body System														
NONE														
Genital System														
NONE														
Hematopoietic System														
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia						3							1	3.0
Spleen		+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation						4	2		2		3		4	2.8
Thymus		+	+	+	+	Μ	+	+	+	+	+	9		
Cyst							1	2	1	1			4	1.3
Integumentary System														
Mammary Gland		М	М	М	М	М	М	М	М	М	М	0		
Skin		+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System														

NONE

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

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DAY ON TEST P53(C57BL/6) Mouse Male 0 MG ANIMAL ID	1 8 8	0 1 8 8 0 0 1 4 5	0 1 8 8 0 0 1 5 8	0 1 8 8 0 0 1 6 3	<i>0</i> <i>1</i> <i>2</i> <i>5</i> <i>0</i> <i>0</i> <i>1</i> <i>6</i> <i>9</i>	0 1 8 8 0 0 1 7 1	0 1 8 8 0 0 0 1 9 0	0 1 8 8 0 0 0 1 9 3	0 1 8 8 0 0 0 1 9 7	0 1 8 8 0 0 2 0 1	*T(ΟΤΑ	LS_
Nervous System													
NONE Respiratory System Lung Infiltration Cellular, Lymphocyte Special Senses System NONE	+	+	+	+	+	+	+ 1	+	+ 1	+	10	2	1.0
Urinary System													
Kidney Artery, Inflammation Congestion Infiltration Cellular, Lymphocyte Nephropathy	+	+	+	+ 1 1	+ 2	+	+	+	+ 1 1	+ 1	10	1 2 1 4	2.0 1.0 1.0 1.0

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Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

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DAY ON TEST

P53(C57BL/6) Mouse Male 2.5 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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+ $\hfill ... Tissue examined microscopically$

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DAY ON TEST

P53(C57BL/6) Mouse Male 2.5 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

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Experiment Number: 55312-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

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Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Male 5.0 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ $\hfill ... Tissue examined microscopically$

X ..Lesion present

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DAY ON TEST

P53(C57BL/6) Mouse Male 5.0 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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Species/Strain: Mouse/P53(C57BL/6)

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Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST P53(C57BL/6) Mouse Male 7.5 MG ANIMAL ID	0 1 8 8 0 0 1 4 0	0 1 8 8 0 0 1 4 7	0 1 8 8 0 0 1 4 8	<i>0</i> <i>1</i> <i>8</i> <i>8</i> 0 0 1 6 1	0 1 2 8 0 0 1 7 4	0 1 8 8 0 0 1 7 5	0 1 8 8 0 0 1 8 4	0 1 8 8 0 0 2 0 5	0 1 8 8 0 0 2 0 9	0 1 8 8 0 0 2 2 5	*TC	ΟΤΑ	LS_
Liver	+	+	+	+		+	+	+	+	+	9	-	
Infiltration Cellular, Mononuclear Cl	1	1		1								3	1.0
Midzonal, Hypertrophy	1	1	1	1		1	1	1	1	1	_	9	1.0
Salivary Glands	+	+	+	+		+	+	+	+	+	9		
Submandibul GI, Infiltration Cellular, Lymphocyte	2	1	1	2		1	1	1	1			8	1.3
Stomach, Forestomach	+	+	+	+		+	+	+	+	+	9		
Stomach, Glandular	+	+	+	+		+	+	+	+	+	9		
Cyst		1		1								2	1.0
Inflammation, Suppurative								1				1	1.0
Mineralization				1								1	1.0
Cardiovascular System													
NONE													
Endocrine System													
Adrenal Cortex	+	+	М	+		+	+	+	М	+	7		
Accessory Adrenal Cortical Nodule	2											1	2.0
Capsule, Hyperplasia	1						1			1		3	1.0
Degeneration, Fatty	2	1		1		1	1	1		1		7	1.1
Hypertrophy							3					1	3.0
Adrenal Medulla	+	+	Μ	+		+	+	+	Μ	+	7		

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Species/Strain: Mouse/P53(C57BL/6)

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DAY ON TE P53(C57BL/6) Mouse Male 7.5 MG ANIMAI	1 8 8	0 1 8 8 0 0 0 1 4 7	0 1 8 8 0 0 0 1 4 8	0 1 8 8 0 0 1 6 1	0 1 2 8 0 0 1 7 4	0 1 8 8 0 0 1 7 5	0 1 8 8 0 0 1 8 4	0 1 8 8 0 0 2 0 5	0 1 8 8 0 0 2 0 9	0 1 8 8 0 0 2 2 5	*T(ΔΤΑ	LS
Pituitary Gland	+	+	+	+		+	+	I	+	+	8		
Pars Distalis, Cyst							1					1	1.0
Thyroid Gland	+	+	+	+		+	+	+	+	+	9		
General Body System													
NONE													
Genital System													
NONE Hematopoietic System													
Lymph Node, Mandibular	+	+	М	+		+	+	+	+	+	8		
Spleen	+	+	+	+		+	+	+	+	+	9		
Hematopoietic Cell Proliferation	2			•		2	•	2	•		0	3	2.0
Thymus	+	+	+	+		+	+	+	+	+	9	Ũ	2.0
Cyst	1	1				1	1			-	Ũ	4	1.0
Integumentary System													
Mammary Gland	М	М	М	М		М	М	М	М	М	0		
Skin	+	+	+	+		+	+	+	+	+	9		
Musculoskeletal System													
NONE													
Nervous System													

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

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Route: SKIN APPLICATION Species/Strain: Mouse/P53(C57BL/6)

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DAY ON TEST P53(C57BL/6) Mouse Male 7.5 MG ANIMAL ID	1 8 8	0 1 8 8 0 0 1 4 7	0 1 8 8 0 0 1 4 8	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>1</i> <i>6</i> <i>1</i>	0 1 2 8 0 0 1 7 4	0 1 8 8 0 0 1 7 5	0 1 8 8 0 0 1 8 4	0 1 8 8 0 0 2 0 5	0 1 8 8 0 0 2 0 9	0 1 8 8 0 0 2 2 5	*T(DTA	LS_
NONE													
Respiratory System													
Lung Congestion Infiltration Cellular, Lymphocyte Special Senses System	+ 2	+ 1	+	+		+	+	+	+ 1	+	9	1 2	1.0 1.5
NONE Urinary System													
Kidney	+	+	+	+		+	+	+	+	+	9		
Infiltration Cellular, Lymphocyte		2				1						2	1.5
Infiltration Cellular, Mononuclear Cl	1											1	1.0
Nephropathy	1			1						1		3	1.0
							***	ENE	00	FΜ	ALE D	DAT	A***

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Route: SKIN APPLICATION Species/Strain: Mouse/P53(C57BL/6)

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DAY ON TEST P53(C57BL/6) Mouse Female 0 MG	1 8 8	0 1 8 8	0 1 6 3	0 1 8 8									
ANIMAL IE	0 0 2 2 7	0 0 2 5 5	0 0 2 5 6	0 0 2 6 0	0 0 2 9 9	0 0 3 0 0	0 0 3 2 5	0 0 3 2 6	0 0 3 2 9	0 0 3 4 0	*TC	ΟΤΑ	LS
Alimentary System													
Liver Infiltration Cellular, Lymphocyte Infiltration Cellular, Mixed Cell	+	+ 2	+	+ 2 1	+	+	+	+	+	+	10	2 3	2.0 1.0
Infiltration Cellular, Mononuclear Cl Midzonal, Hypertrophy			1	1	1	1 1	1	I	_			3 1	1.0 1.0
Necrosis Salivary Glands Submandibul GI, Infiltration Cellular,	+ 2	+	+ 3	+	+	+	+	+	3 +	+ 2	10	1 3	3.0 2.3
Lymphocyte Submandibul GI, Infiltration Cellular, Plasma Cell		1						1				2	1.0
Stomach, Forestomach Hyperplasia	+	+	+	+	+	+	+	+	+ 1	+	10	1	1.0
Stomach, Glandular Cyst Cardiovascular System	+	+ 1	+ 1	+	+	+	+	+	+ 1	+	10	3	1.0
NONE Endocrine System													
Adrenal Cortex Capsule, Hyperplasia Degeneration, Fatty	+ 1 1	+ 1 1	+ 1 1	+ 1 1	+ 1	+ 1 1	+ 1 1	+ 1 1	+	+ 1	10	9 7	1.0 1.0

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

+ ..Tissue examined microscopicallyM ..Missing tissue1-4 ..Lesion qualified as:X ..Lesion presentA ..Autolysis precludes evaluation1) Minimal 3) ModerateI ..Insufficient tissueBLANK ..Not examined microscopically2) Mild

Experiment Number: 55312-06 Test Type: 26-WEEK Route: SKIN APPLICATION

Species/Strain: Mouse/P53(C57BL/6)

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۲ P53(C57BL/6) Mouse Fe 0 MG	DAY ON TEST Emale ANIMAL ID	0 1 8 8 0 0 2 2 7	0 1 8 8 0 0 2 5 5	0 1 8 8 0 0 2 5 6	0 1 8 8 0 0 2 6 0	0 1 8 8 0 0 2 9 9 9	0 1 8 8 0 0 0 3 0 0	0 1 8 8 0 0 3 2 5	0 1 8 8 0 0 3 2 6	0 1 6 3 0 0 3 2 9	0 1 8 8 0 0 0 3 4 0	*TC	DTA	LS
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10		
Pituitary Gland		+	+	Ι	+	+	+	+	+	+	+	9		
Pars Distalis, Cyst										1			1	1.0
Thyroid Gland		+	+	+	+	+	+	+	+	Μ	+	9		
General Body System														
NONE														
Genital System														
Uterus						+						1		
Hyperplasia, Cystic						3							1	3.0
Hematopoietic System														
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia			2	2							2		3	2.0
Spleen		+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation	on	2			2	2	2			4	2		6	2.3
Thymus		+	+	Μ	+	+	+	+	+	+	+	9		
Cyst		1					1	2					3	1.3
Integumentary System														
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10		
Skin		+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System														

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DAY ON TEST P53(C57BL/6) Mouse Female 0 MG ANIMAL ID	1 8 8	0 1 8 8 0 0 2 5 5 5	0 1 8 8 0 0 2 5 6	0 1 8 8 0 0 2 6 0	0 1 8 8 0 0 2 9 9 9	0 1 8 8 0 0 3 0 0 0	0 1 8 8 0 0 3 2 5	0 1 8 8 0 0 3 2 6	0 1 6 3 0 0 3 2 9	0 1 8 8 0 0 3 4 0	*T(DTA	LS
NONE Nervous System													
NONE Respiratory System Lung Infiltration Cellular, Histiocyte Infiltration Cellular, Lymphocyte Infiltration Cellular, Mononuclear Cl Special Senses System	+	+ 2	+	+	+ 1	+	+ 1 1	+ 1	+	+	10	1 3 1	1.0 1.3 1.0
NONE Urinary System													
Kidney Casts Protein Infiltration Cellular, Lymphocyte	+	+ 1	+ 1	+ 2	+ 1	+	+	+ 1	+	+	10	2 3	1.0 1.3

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

Experiment Number: 55312-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female 2.5 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ $\hfill ... Tissue examined microscopically$

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female 2.5 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

Experiment Number: 55312-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female 5.0 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ $\hfill ... Tissue examined microscopically$

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female 5.0 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

Route: SKIN APPLICATION

Species/Strain: Mouse/P53(C57BL/6)

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

DAY ON TEST P53(C57BL/6) Mouse Female 7.5 MG ANIMAL ID	1 8 8	0 1 8 8 0 0 2 4 7	0 1 8 8 0 0 2 5 3	0 1 8 8 0 0 2 6 9	0 1 8 8 0 0 0 3 1 3	0 1 8 8 0 0 0 3 2 0	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>3</i> <i>2</i> <i>1</i>	0 1 8 8 0 0 0 3 2 8	0 1 8 8 0 0 0 3 4 8	0 1 8 8 0 0 3 5 1	*T(ΟΤΑ	19
Alimentary System	5	1	3	9	3	0		0	0				
Liver Infiltration Cellular, Mixed Cell Infiltration Cellular, Mononuclear Cl Salivary Glands Submandibul Gl, Infiltration Cellular, Lymphocyte Stomach, Forestomach Stomach, Glandular Cyst Inflammation, Suppurative Cardiovascular System	+ + 1 +	+ + + 1	+ 2 + 1		+ 1 + 1 + 2	+ 1 + +	+ 1 + + 1	+ 1 + +	+ 1 + 1 +	+ + 1 +	9 9 9 9	4 1 5 3 1	1.0 1.0 1.2 1.0 2.0
NONE Endocrine System Adrenal Cortex Capsule, Hyperplasia Degeneration, Fatty Adrenal Medulla Pituitary Gland Thyroid Gland	+ 1 + + +	+ 1 + M +	+ 1 + + +		+ 2 + + +	+ 1 + +	+ 1 + M +	+ 1 + M +	+ 2 1 + +	M M + +	8 8 6 9	7 4	1.3 1.0
General Body System	т	Ŧ	Ŧ		Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	т	9		

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

P53(C57BL/6) Mouse Fema 7.5 MG	ON TEST	<i>0</i> <i>1</i> <i>8</i> <i>8</i> <i>0</i> <i>0</i> <i>2</i> <i>3</i> <i>5</i>	0 1 8 8 0 0 2 4 7	0 1 8 8 0 0 2 5 3	0 1 8 8 0 0 2 6 9	0 1 8 8 0 0 3 1 3	0 1 8 8 0 0 3 2 0	0 1 8 8 0 0 3 2 1	0 1 8 8 0 0 3 2 8	0 1 8 8 0 0 0 3 4 8	0 1 8 8 0 0 3 5 1	*TC	ΟΤΑ	LS
NONE Genital System														
NONE Hematopoietic System														
Lymph Node, Mandibular Hyperplasia		+	+	Μ		+	+	+	+ 2	+	+ 2	8	2	2.0
Spleen		+ 2	+	+ 3		+	+	+ 2	+ 2	+	+ 2	9	5	2.2
Hematopoietic Cell Proliferation Thymus		+	+	+		+	+	2 +	2 +	+	+	9	-	
Cyst Integumentary System		1		1		1				1	1		5	1.0
Mammary Gland Skin		M +	+ +	+ +		M +	+ +	M +	+ +	M +	M +	4 9		
Musculoskeletal System														
None Nervous System														
NONE Respiratory System														
Lung		+	+	+		+	+	+	+	+	+	9		

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

+ ..Tissue examined microscopicallyM ..Missing tissue1-4 ..Lesion qualified as:X ..Lesion presentA ..Autolysis precludes evaluation1) Minimal 3) ModerateI ..Insufficient tissueBLANK ..Not examined microscopically2) Mild

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: TRANSGENIC LECM (COCONUT OIL DIETHANOLAMINE)

CAS Number: 68603-42-9

Date Report Requested: 10/23/2014 Time Report Requested: 12:04:21 First Dose M/F: NA / NA Lab: ILS

Route: SKIN APPLICATION Species/Strain: Mouse/P53(C57BL/6)

		-				-								
DAY ON TEST	0	0	0	0	0	0	0	0	0	0				
P53(C57BL/6) Mouse Female	1 8													
7.5 MG	8	8 8	0 8	8 8										
ANIMAL ID	0 0 2 3 5	0 0 2 4 7	0 0 2 5 3	0 0 2 6 9	0 0 3 1 3	0 0 3 2 0	0 0 3 2 1	0 0 3 2 8	0 0 3 4 8	0 0 3 5 1	*Т	ΟΤΑ	LS	
Infiltration Cellular, Histiocyte	1	1			1	1	1			1		6	1.0	
Infiltration Cellular, Lymphocyte		1			1					1		3	1.0	
Special Senses System														
NONE														
Urinary System														
Kidney	+	+	+		+	+	+	+	+	+	9			
Glomerulus, Inflammation		3										1	3.0	
Infiltration Cellular, Lymphocyte					2							1	2.0	
						** END OF REPORT **								

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation BLANK ..Not examined microscopically