

Experiment Number: 55323-05
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Transgenic LECM (Lauric acid diethanolamine condensate)
CAS Number: 120-40-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:56:09
First Dose M/F: NA / NA
Lab: ILS

C Number:	C55232C
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

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P53(C57BL/6) Mouse MALE	0 MG	5.0 MG	10.0 MG	20.0 MG
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice	1	1		
Survivors				
Terminal Sacrifice	9	9	10	10
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Centrilobular, Vacuolization Cytoplasmic	2 [1.0]			
Infiltration Cellular, Lymphocyte				2 [1.0]
Infiltration Cellular, Mixed Cell	3 [1.0]			2 [1.0]
Infiltration Cellular, Mononuclear Cl	1 [1.0]			
Midzonal, Hypertrophy	7 [1.0]			6 [1.0]
Necrosis				1 [1.0]
Salivary Glands	(10)	(0)	(0)	(10)
Artery, Submandibul GI, Inflammation	1 [3.0]			
Parotid GI, Basophilic Focus				1 [1.0]
Submandibul GI, Infiltration Cellular, Lymphocyte	8 [1.3]			8 [1.1]
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)
Artery, Inflammation	1 [2.0]			
Cyst	1 [1.0]			4 [1.0]
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(9)	(0)	(0)	(8)

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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Capsule, Hyperplasia				2 [1.0]
Degeneration, Fatty	8 [1.0]			8 [1.3]
Hypertrophy	1 [2.0]			1 [1.0]
Adrenal Medulla	(8)	(0)	(0)	(8)
Pituitary Gland	(9)	(0)	(0)	(9)
Pars Distalis, Cyst	1 [1.0]			
Thyroid Gland	(10)	(0)	(0)	(8)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Hyperplasia	1 [3.0]			
Spleen	(10)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	4 [2.8]			1 [1.0]
Infiltration Cellular, Lymphocyte				1 [2.0]
Thymus	(9)	(0)	(0)	(10)
Cyst	4 [1.3]			5 [1.2]

INTEGUMENTARY SYSTEM

Skin	(10)	(0)	(0)	(10)
Hyperplasia, Squamous				1 [1.0]

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

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RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Hyperplasia				1 [1.0]
Infiltration Cellular, Lymphocyte	2 [1.0]			6 [1.3]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Artery, Inflammation	1 [2.0]			
Congestion	2 [1.0]			
Infiltration Cellular, Lymphocyte	1 [1.0]			3 [1.0]
Nephropathy	4 [1.0]			5 [1.0]
Pelvis, Dilatation				1 [1.0]

END OF MALE DATA

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Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice	1			
Survivors				
Terminal Sacrifice	9	10	10	9
Other				1
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	2 [2.0]			3 [2.0]
Infiltration Cellular, Mixed Cell	3 [1.0]			1 [1.0]
Infiltration Cellular, Mononuclear Cl	3 [1.0]			4 [1.3]
Midzonal, Hypertrophy	1 [1.0]			1 [1.0]
Necrosis	1 [3.0]			
Salivary Glands	(10)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	3 [2.3]			5 [1.4]
Submandibul GI, Infiltration Cellular, Plasma Cell	2 [1.0]			
Stomach, Forestomach	(10)	(0)	(0)	(10)
Hyperplasia	1 [1.0]			
Stomach, Glandular	(10)	(0)	(0)	(10)
Cyst	3 [1.0]			3 [1.3]
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(10)	(0)	(0)	(9)

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Capsule, Hyperplasia	9 [1.0]			8 [1.4]
Degeneration, Fatty	7 [1.0]			1 [1.0]
Adrenal Medulla	(10)	(0)	(0)	(8)
Pituitary Gland	(9)	(0)	(0)	(10)
Pars Distalis, Cyst	1 [1.0]			1 [1.0]
Thyroid Gland	(9)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Uterus	(1)	(0)	(0)	(0)
Hyperplasia, Cystic	1 [3.0]			
HEMATOPOIETIC SYSTEM				
Lymph Node	(0)	(0)	(0)	(1)
Lymph Node, Mandibular	(10)	(0)	(0)	(9)
Hyperplasia	3 [2.0]			
Spleen	(10)	(0)	(0)	(9)
Hematopoietic Cell Proliferation	6 [2.3]			2 [3.0]
Thymus	(9)	(0)	(0)	(10)
Cyst	3 [1.3]			6 [1.2]
INTEGUMENTARY SYSTEM				
Mammary Gland	(10)	(0)	(0)	(4)
Skin	(10)	(0)	(0)	(10)
Hyperkeratosis				1 [4.0]
Hyperplasia, Squamous				2 [2.5]
Ulcer				1 [2.0]
MUSCULOSKELETAL SYSTEM				
None				

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NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Infiltration Cellular, Histiocyte	1 [1.0]			
Infiltration Cellular, Lymphocyte	3 [1.3]			1 [1.0]
Infiltration Cellular, Mononuclear Cl	1 [1.0]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Casts Protein	2 [1.0]			
Infiltration Cellular, Lymphocyte	3 [1.3]			3 [1.0]
Infiltration Cellular, Mononuclear Cl				1 [1.0]
Nephropathy				1 [1.0]

**** END OF REPORT ****

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