

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Lauric acid diethanolamine condensate)
CAS Number: 120-40-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:57:31
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	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	2	8	8	8	8	8	
	8	8	8	8	5	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	2	
	3	4	5	6	6	7	9	9	9	0	
	4	5	8	3	9	1	0	3	7	1	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Vacuolization Cytoplasmic			1	1							2 1.0
Infiltration Cellular, Mixed Cell		1	1				1				3 1.0
Infiltration Cellular, Mononuclear Cl					1						1 1.0
Midzonal, Hypertrophy	1	1	1	1			1	1		1	7 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Artery, Submandibul GI, Inflammation					3						1 3.0
Submandibul GI, Infiltration Cellular, Lymphocyte	1		1	1		2	1	1	2	1	8 1.3
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Artery, Inflammation					2						1 2.0
Cyst	1										1 1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	M	+	+	+	9
Degeneration, Fatty	1	1	1	1		1		1	1	1	8 1.0
Hypertrophy	2										1 2.0
Adrenal Medulla	+	+	+	+	M	+	M	+	+	+	8

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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1) Minimal 3) Moderate

2) Mild 4) Marked

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	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1		
	8	8	8	8	2	8	8	8	8	8		
	8	8	8	8	5	8	8	8	8	8		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	2		
	3	4	5	6	6	7	9	9	9	0		
	4	5	8	3	9	1	0	3	7	1	*TOTALS	
Pituitary Gland		+	+	+	+	+	+	+	+	+	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	+	+	+	+	M	+	+	+	+	+	9	
Cyst						1	2	1	1		4	1.3
Integumentary System												
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	10	
Musculoskeletal System												
NONE												

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P53(C57BL/6) Mouse Male 0 MG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		I	I	I	I	I	I	I	I	I	I
	8	8	8	8	2	8	8	8	8	8	8
	8	8	8	8	5	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2	
	3	4	5	6	6	7	9	9	9	0	
	4	5	8	3	9	1	0	3	7	1	
											*TOTALS

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Lymphocyte							1		1		2	1.0	

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10		
Artery, Inflammation					2						1	2.0	
Congestion		1							1		2	1.0	
Infiltration Cellular, Lymphocyte				1							1	1.0	
Nephropathy			1	1					1	1	4	1.0	

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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

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Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Male
5.0 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Male
10.0 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

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DAY ON TEST

P53(C57BL/6) Mouse Male
10.0 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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P53(C57BL/6) Mouse Male 20.0 MG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	8	8	8	8	
	4	4	4	4	4	4	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	2	2	
	1	1	5	6	6	7	8	8	1	1	
	2	6	5	6	8	7	5	8	1	9	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte			1		1						2 1.0
Infiltration Cellular, Mixed Cell					1				1		2 1.0
Midzonal, Hypertrophy			1	1			1	1	1	1	6 1.0
Necrosis									1		1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Parotid GI, Basophilic Focus									1		1 1.0
Submandibul GI, Infiltration Cellular, Lymphocyte	1	1	1	1	1	2	1		1		8 1.1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Cyst	1	1						1	1		4 1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	M	+	+	+	+	+	M	8
Capsule, Hyperplasia						1		1			2 1.0
Degeneration, Fatty	1	1	1		1	1	2	1	2		8 1.3
Hypertrophy			1								1 1.0
Adrenal Medulla	+	+	+	M	+	+	+	+	+	M	8

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P53(C57BL/6) Mouse Male 20.0 MG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	8	8	8	8	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	2	2	
	1	1	1	5	6	6	7	8	8	1	
	2	6	5	6	6	7	5	8	1	9	
Pituitary Gland	+	+	+	+	+	+	M	+	+	+	9
Thyroid Gland	+	M	+	M	+	+	+	+	+	+	8
General Body System											
NONE											
Genital System											
NONE											
Hematopoietic System											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation								1			1 1.0
Infiltration Cellular, Lymphocyte									2		1 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst				2	1		1		1	1	5 1.2
Integumentary System											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia, Squamous			1								1 1.0
Musculoskeletal System											
NONE											

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Male 20.0 MG		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	8	8	8	8	8
		4	4	4	4	4	4	4	4	4	4
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	2	2	
		1	1	5	6	6	7	8	8	1	1
		2	6	5	6	8	7	5	8	1	9
*TOTALS											

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia											1	1	1.0
Infiltration Cellular, Lymphocyte			1	1		1	2	1		2	6	1.3	

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Lymphocyte				1		1				1	3	1.0	
Nephropathy			1		1	1		1			5	1.0	
Pelvis, Dilatation										1	1	1.0	

END OF MALE DATA

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P53(C57BL/6) Mouse Female 0 MG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	8	8	6	8	
	8	8	8	8	8	8	8	8	3	8	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	3	3	3	3	3	
	2	5	5	6	9	0	2	2	2	4	
	7	5	6	0	9	0	5	6	9	0	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Lymphocyte			2		2						2	2.0
Infiltration Cellular, Mixed Cell				1	1			1			3	1.0
Infiltration Cellular, Mononuclear Cl					1	1	1				3	1.0
Midzonal, Hypertrophy						1					1	1.0
Necrosis									3		1	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Submandibul GI, Infiltration Cellular, Lymphocyte		2		3						2	3	2.3
Submandibul GI, Infiltration Cellular, Plasma Cell			1					1			2	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia									1		1	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	
Cyst			1	1					1		3	1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Capsule, Hyperplasia	1	1	1	1	1	1	1	1		1	9	1.0
Degeneration, Fatty	1	1	1	1		1	1	1			7	1.0

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P53(C57BL/6) Mouse Female 0 MG	DAY ON TEST										ANIMAL ID				
	0	0	0	0	0	0	0	0	0	0					
	1	1	1	1	1	1	1	1	1	1	0				
	8	8	8	8	8	8	8	8	6	8	0				
	8	8	8	8	8	8	8	8	3	8	0				
	0	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0	0				
	2	2	2	2	2	3	3	3	3	3	2				
	2	5	5	6	9	0	2	2	2	4	5				
	7	5	6	0	9	0	5	6	9	0					
												*TOTALS			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10				
Pituitary Gland	+	+	I	+	+	+	+	+	+	+	9				
Pars Distalis, Cyst										1		1	1.0		
Thyroid Gland	+	+	+	+	+	+	+	+	M	+	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	2			2	2	2			4	2		6	2.3		
Thymus	+	+	M	+	+	+	+	+	+	+	9				
Cyst	1					1	2					3	1.3		
Integumentary System															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10				
Skin	+	+	+	+	+	+	+	+	+	+	10				
Musculoskeletal System															

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 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	8	8	8	6	8
	0 MG	8	8	8	8	8	8	8	8	3	8
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3
		2	5	5	6	9	0	2	2	2	4
		7	5	6	0	9	0	5	6	9	0
*TOTALS											

NONE											
Nervous System											
NONE											
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Histiocyte							1				1 1.0
Infiltration Cellular, Lymphocyte			2		1			1			3 1.3
Infiltration Cellular, Mononuclear Cl							1				1 1.0
Special Senses System											
NONE											
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Casts Protein			1					1			2 1.0
Infiltration Cellular, Lymphocyte				1	2	1					3 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
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Lauric acid diethanolamine condensate)
CAS Number: 120-40-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:57:31
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

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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

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

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CAS Number: 120-40-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:57:31
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female
10.0 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

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First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

P53(C57BL/6) Mouse Female
10.0 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic LECM (Lauric acid diethanolamine condensate)
 CAS Number: 120-40-1

Date Report Requested: 10/23/2014
 Time Report Requested: 09:57:31
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 20.0 MG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	7	8	8	8	8	
	4	4	4	4	4	7	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	3	3	3	
	3	3	3	5	6	6	8	2	3	4	
	0	2	9	8	3	4	1	2	2	7	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Lymphocyte	2	3		1							3	2.0
Infiltration Cellular, Mixed Cell				1							1	1.0
Infiltration Cellular, Mononuclear Cl					1		1		2	1	4	1.3
Midzonal, Hypertrophy									1		1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Submandibul Gl, Infiltration Cellular, Lymphocyte	2	2	1		1				1		5	1.4
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	
Cyst			1			2				1	3	1.3

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	M	+	+	+	+	+	+	+	+	+	9		
Capsule, Hyperplasia			2	1	1	1		2	2	1	1	8	1.4
Degeneration, Fatty					1						1	1.0	
Adrenal Medulla	M	+	+	+	+	+	M	+	+	+	8		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10		
Pars Distalis, Cyst			1								1	1.0	

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

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 Time Report Requested: 09:57:32
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 20.0 MG	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	7	8	8	8	8	
	4	4	4	4	4	7	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	3	3	3	
	3	3	3	5	6	6	8	2	3	4	
	0	2	9	8	3	4	1	2	2	7	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
General Body System											
NONE											
Genital System											
NONE											
Hematopoietic System											
Lymph Node						+					1
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	9
Spleen	+	+	+	+	M	+	+	+	+	+	9
Hematopoietic Cell Proliferation	2					4					2 3.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst		1		1			2	1	1	1	6 1.2
Integumentary System											
Mammary Gland	+	M	M	M	+	M	+	M	+	M	4
Skin	+	+	+	+	+	+	+	+	+	+	10
Hyperkeratosis						4					1 4.0
Hyperplasia, Squamous		1				4					2 2.5
Ulcer						2					1 2.0
Musculoskeletal System											
NONE											

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female 20.0 MG		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	7	8	8	8	8
		4	4	4	4	4	7	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	3	3	3
		3	3	3	5	6	6	8	2	3	4
		0	2	9	8	3	4	1	2	2	7
*TOTALS											

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte				1							1 1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte	1		1		1						3 1.0
Infiltration Cellular, Mononuclear Cl								1			1 1.0
Nephropathy				1							1 1.0

**** END OF REPORT ****

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

+ ..Tissue examined microscopically

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