

Experiment Number: 89029-04
Test Type: 150-DAY
Route: MAGNETIC FIELDS
Species/Strain: Mouse/P53(C57BL/6)

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Magnetic fields (EMF)
CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
Time Report Requested: 19:55:28
First Dose M/F: NA / NA
Lab: IIT

C Number:	C89029B
Lock Date:	01/03/1995
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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 Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Male 10 GAUSS		1	1	1	1	1	1	1	1	1	1
		6	6	6	6	3	6	6	6	6	6
		3	3	3	3	9	3	3	3	3	3
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0
*TOTALS											

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Sarcoma					X						1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	M	+	M	+	8
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

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P53(C57BL/6) Mouse Male 10 GAUSS		1	1	1	1	1	1	1	1	1	1
		6	6	6	6	3	6	6	6	6	6
		3	3	3	3	9	3	3	3	3	3
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0
*TOTALS											

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	10
Sarcoma, Metastatic, Liver					X						1

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	10
----------------	---	---	---	---	---	---	---	---	---	---	----

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

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + + + + M 9

Spleen + + + + + + + + + + 10

Thymus + + + + + + + + + + 10

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor

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

NONE											
Nervous System											
NONE											
Respiratory System											
Lung		+	+	+	+	+	+	+	+	+	10
Special Senses System											
NONE											
Urinary System											
Kidney		+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ		+	+	+	+	+	+	+	+	+	10
Lymphoma Malignant					X						1

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P53(C57BL/6) Mouse Male 10 GAUSS	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
																					*TOTALS

Alimentary System

Liver + 20

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + 20

Lymph Node, Mesenteric + + + + + + + + + + + M + + + + + M + + 18

Spleen + 20

Thymus + + + + M + + + + + + + + + + + + + + + 19

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 GAUSS	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				*TOTALS

NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																				
NONE																				
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																				
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	DAY ON TEST																				
P53(C57BL/6) Mouse Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SHAM CONTROL
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver + 20

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + 20

Lymph Node, Mesenteric + + + + M + + + + + + + + + + + + + + M 18

Spleen + 20

Thymus + 20

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
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 X ..Lesion present
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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Male		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	SHAM CONTROL	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
*TOTALS																				
NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																				
NONE																				
Urinary System																				
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																				
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor
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 X ..Lesion present
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P53(C57BL/6) Mouse Female 10 GAUSS	DAY ON TEST									*TOTALS
	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	
	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	
	9	9	9	9	9	9	9	9	9	
	1	2	3	4	5	6	7	8	9	

Alimentary System

Liver + + + + + + + + + 9

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + 9

Hemangioma X 1

Lymph Node, Mesenteric M M M + + + + M + 5

Spleen + + + + + + + + + 9

Thymus + + + + + + + + + 9

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor

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DAY ON TEST		0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female 10 GAUSS		1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6
		2	2	2	2	2	2	2	2	2
	ANIMAL ID	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	
	9	9	9	9	9	9	9	9	9	
	1	2	3	4	5	6	7	8	9	
*TOTALS										

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung + + + + + + + + + 9

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + 9

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + 9
 Lymphoma Malignant X 1

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

Alimentary System

Liver + + + + + + + + + 9

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + 9

Lymph Node, Mesenteric + + + + + + + M + 8

Spleen + + + + + + + + + 9

Thymus + + + + + + + + + 9

Thymoma Benign X 1

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor

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X ..Lesion present

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

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung + + + + + + + + + 9

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + 9

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + 9

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	10 GAUSS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2
		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
*TOTALS																					

Alimentary System

Liver + 21

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + M + + + + + + + + + + + 20

Lymph Node, Mesenteric + + + + + + + + + + + + + + + M + + + + 20

Spleen + 21

Thymus + 21

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 89029-04
 Test Type: 150-DAY
 Route: MAGNETIC FIELDS
 Species/Strain: Mouse/P53(C57BL/6)

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:55:29
 First Dose M/F: NA / NA
 Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	10 GAUSS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
*TOTALS																					
NONE																					
Nervous System																					
NONE																					
Respiratory System																					
Lung																					
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																					21
NONE																					
Urinary System																					
Kidney																					
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																					21
Multiple Organ																					
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																					1
																					X

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 89029-04
 Test Type: 150-DAY
 Route: MAGNETIC FIELDS
 Species/Strain: Mouse/P53(C57BL/6)

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:55:29
 First Dose M/F: NA / NA
 Lab: IIT

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

Alimentary System

Liver + 21

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + + + + + + + + + + + + + + M + + + + 20

Lymph Node, Mesenteric + + + + + + + + + + M + M + + + + + + + 19

Spleen + 21

Thymus + 21

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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Experiment Number: 89029-04
 Test Type: 150-DAY
 Route: MAGNETIC FIELDS
 Species/Strain: Mouse/P53(C57BL/6)

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Magnetic fields (EMF)
 CAS Number: MAGNETIC

Date Report Requested: 10/20/2014
 Time Report Requested: 19:55:29
 First Dose M/F: NA / NA
 Lab: IIT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6
	SHAM CONTROL	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
*TOTALS																					

NONE		
Nervous System		
NONE		
Respiratory System		
Lung	+ + + + + + + + + + + + + + + + + + + +	21
Special Senses System		
NONE		
Urinary System		
Kidney	+ + + + + + + + + + + + + + + + + + + +	21
SYSTEMIC LESIONS		
Multiple Organ	+ + + + + + + + + + + + + + + + + + + +	21
Lymphoma Malignant		X 1

**** END OF REPORT ****

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically