

HARLAN ANIMAL COLONIES
HEALTH EVALUATION SUMMARY

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January 12, 2007
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CONTRACT N01-AG-5-0006

VMS

RATS Barrier 218A

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Prattville, AL Barrier/Building: 218A Ship Date: 10/16/06	BN/BiRijNNiaHsd	3M/0F	3 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 10/17/06 Report Date: 1/4/07
	F344xBNF1	2M/0F	3 months	

EVALUATION

NIA rats submitted for this health monitoring were obtained from NIA-NIH aging colonies maintained in a barrier by Harlan Sprague Dawley, Inc. All rats examined were considered to be in a good state of health.

SEROLOGY

Agent	Assay	No. Pos./ No. Tested	Comments
Sendai	MFI	0/5	
RCV/SDAV	MFI	0/5	
Parvoviruses	MFI	0/5	
KRV	MFI	0/5	
H-1	MFI	0/5	
PVM	MFI	0/5	
<i>M. pulmonis</i>	MFI	0/5	
Reo 3	MFI	0/2	
TMEV GDVII	MFI	0/2	
MAD	MFI	0/2	
LCM	MFI	0/2	
<i>E. cuniculi</i>	MFI	0/2	
Hantaan	MFI	0/2	
Tyzzers	MFI	0/2	

BACTERIOLOGY

Agent	No. Pos/No. Tested	Comments
<i>Salmonella spp.</i>	0/5	Nasopharynx/cecum cultures
<i>Pasteurella pneumotropica</i>	0/5	
<i>Pseudomonas aeruginosa</i>	0/5	
<i>Corynebacterium kutscheri</i>	0/5	
<i>Klebsiella sp.</i>	0/5	
<i>Staphylococcus aureus</i>	0/5	
<i>Streptococcus pneumoniae</i>	0/5	

PCR

	Results	Comments
	No. Pos/No. Tested	
<i>Mycoplasma pulmonis</i>	0/5	
<i>Helicobacter spp</i>	0/5	

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RATS Barrier 218A

PARASITOLOGY		
Type and Test	Results	Comments
Ectoparasites	No. Pos./No. Tested	External parasites were not observed in any rat.
Test: Direct pelage	0/5	
Endoparasites	No. Pos./No. Tested	
Test(s): Direct, Gross, and Microscopic	0/5	

PATHOLOGY		
Gross:	No Gross Lesions Detected	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Histologic:		
Lymphoid hyperplasia - lung	5/5	
Interstitial fibrosis - lung	3/5	
Perivascular neutrophilic infiltrate	3/5	
Interstitial pneumonia with giant cells	2/5	
A few incidental lesions were also noted.		

AVAILABILITY	
Rats obtained from NIA-NIH aging colonies maintained in one maximum security barrier by Harlan Sprague Dawley, Inc., (Harlan) in Prattville, Alabama. The combined census of these colonies, at the time of the referenced monitoring is tabulated below:	
Virgin Male (0 months of age)	0
Virgin Female (0 months of age)	0
Total Census:	0

For information, contact:
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Karla A. Stevens, D.V.M.
Principal Investigator

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RATS Barrier 236A

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Oregon, WI Barrier/Building: 236A Ship Date: 10/16/06	BN/BiRijNNiaHsd	1M/1F	6 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 10/17/06 Report Date: 1/4/07
	F344 x BN F1	2M/2F	4 months	

EVALUATION
NIA rats submitted for this health monitoring were obtained from NIA-NIH aging colonies maintained in barriers by Harlan Sprague Dawley, Inc. All rats examined were considered to be in a good state of health.

SEROLOGY			
Agent	Assay	No. Pos./ No. Tested	Comments
Sendai	MFI	0/6	
RCV/SDAV	MFI	0/6	
Parvoviruses	MFI	0/6	
KRV	MFI	0/6	
H-1	MFI	0/6	
PVM	MFI	0/6	
<i>M. pulmonis</i>	MFI	0/6	
Reo 3	MFI	0/0	
TMEV GDVII	MFI	0/0	
MAD	MFI	0/0	
LCM	MFI	0/0	
<i>E. cuniculli</i>	MFI	0/0	
Hantaan	MFI	0/0	
Tyzzers	MFI	0/0	*Previously tested negative.

BACTERIOLOGY		
Agent	No. Pos./No. Tested	Comments
<i>Salmonella spp.</i>	0/6	Nasopharynx/cecum cultures
<i>Pasteurella pneumotropica</i>	0/6	
<i>Pseudomonas aeruginosa</i>	0/6	
<i>Corynebacterium kutscheri</i>	0/6	
<i>Klebsiella sp.</i>	0/6	
<i>Staphylococcus aureus</i>	0/6	
<i>Streptococcus pneumoniae</i>	0/6	

PCR		Comments
	No. Pos./No. Tested	
<i>Mycoplasma pulmonis</i>	0/6	
<i>Helicobacter spp</i>	0/6	

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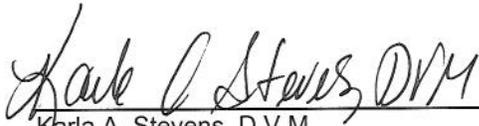
RATS Barrier 236A

PARASITOLOGY		
Type and Test	Results	Comments
Ectoparasites Test: Direct pelage	No. Pos./No. Tested 0/6	External parasites were not observed in any rat.
Endoparasites Test(s): Direct, Gross, and Microscopic	No. Pos./No. Tested 0/6	

PATHOLOGY		
Gross:	No Gross Lesions Detected	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Histologic:		
Lung lymphoid hyperplasia	6/6	
Interstitial fibrosis - lung	2/6	
Interstitial pneumonia with giant cells	1/6	
Perivascular neutrophilic infiltrates	2/6	
A few incidental lesions were also noted.		

AVAILABILITY		
Rats obtained from NIA-NIH aging colonies maintained in one maximum security barrier by Harlan Sprague Dawley, Inc., (Harlan) in Oregon, Wisconsin. The combined census of these colonies, at the time of the referenced monitoring is tabulated below:		
Virgin Male (0 months of age)		0
Virgin Female (0 months of age)		0
Total Census:		0

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