

HARLAN ANIMAL COLONIES
HEALTH EVALUATION SUMMARY

Enclosure 2
August 29, 2007
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CONTRACT NO1-AG-8-2106

RATS Barrier 208B

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Frederick, MD Barrier/Building: 208B Ship Date: 6/3/07	F344/NHsd	6M/0F	21-27 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 6/4/07 Report Date: 8/21/07
	F344 x BN F1	3M/0F	25-33 months	

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

SEROLOGY			
Agent	Assay	No. Pos./ No. Tested	Comments
<i>M. pulmonis</i>	MFI	0/9	
Sendai	MFI	0/9	
RCV/SDAV	MFI	0/9	
Parvovirus	MFI	0/9	
KRV	MFI	0/9	
H-1	MFI	0/9	
PVM	MFI	0/9	
REO 3	MFI	0/9	
TMEV GDVII	MFI	0/2	
LCM	MFI	0/2	
Hantaan	MFI	0/2	
<i>E. cuniculi</i>	MFI	0/2	

BACTERIOLOGY		
Agent	No. Pos./No. Tested	Comments
<i>Salmonella spp.</i>	0/9	Nasopharynx/cecum cultures The bacteria isolated from the oropharynx and cecum are opportunistic or normal flora of the rat.
<i>Pasteurella pneumotropica</i>	0/9	
<i>Pasteurella spp.</i>	0/9	
<i>Bordetella bronchiseptica</i>	0/9	
<i>Pseudomonas aeruginosa</i>	0/9	
<i>Citrobacter rodentium</i>	0/9	
<i>Corynebacterium kutscheri</i>	0/9	
<i>Klebsiella pneumoniae</i>	0/9	
<i>Klebsiella oxytoca</i>	0/9	
<i>Staphylococcus aureus</i>	0/9	
<i>Streptococcus sp. Group B beta</i>	0/9	

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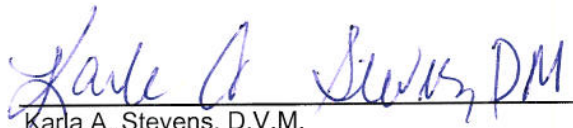
PCR	Results	Comments
<i>Mycoplasma pulmonis</i> <i>Helicobacter sp.</i>	No. Pos./No. Tested	*Pooled samples.
	0/9 0/9*	

PARASITOLOGY		
Type and Test	Results	Comments
Ectoparasites Test(s): Direct pelage	No. Pos./No. Tested 0/9	External parasites were not observed in any rat.
Endoparasites Test(s): Direct, Gross, and Microscopic (intestines & bladder)	No. Pos./No. Tested 0/9	Enteric and urinary bladder parasites were not observed in any rat.

PATHOLOGY		
Gross:	None Significant	Overall frequency of lesions in these rats is low.
Histologic:		Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Renal perivascular lymphoid infiltrates	2/2	
Pulmonary perivascular lymphoid infiltrate	1/2	

AVAILABILITY		
Rats obtained from NIA-NIH aging colonies maintained in one maximum security barrier by Harlan in Frederick, Maryland. The combined census of these colonies at the time of referenced monitoring is tabulated below:		
Virgin Male (23 - 35 months of age)		129
Virgin Female (N/A months of age)		0
Total Census:		129

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