

HARLAN ANIMAL COLONIES
HEALTH EVALUATION SUMMARY
CONTRACT N01-AG-7-2100

Enclosure 2
August 4, 2006
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MICE Barrier 218B

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Prattville, AL Barrier/Building: 218B	BALB/cByJNiaHsd CB6F1/NiaHsd C57BL/6JNiaHsd	4M/4F 2M/2F 1M/1F	4 months 12 months 6 months	University of Missouri UMRADIL, Columbia, MO
Ship Date: 5/9/06	C57BL/6JNiaHsd	3M/3F	12 months	Receipt Date: 5/10/06 Report Date: 7/28/2006

EVALUATION

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

SEROLOGY

Agent	Assay	No. Pos./ No. Tested	Comments
<i>M. pulmonis</i>	MFI	0/20	
MHV	MFI	0/20	
Sendai	MFI	0/20	
PVM	MFI	0/20	
Reo 3	MFI	0/20	
TMEV GDVII	MFI	0/20	
Mouse Parvovirus	MFI	0/20	
MMV	MFI	0/20	
Ectromelia	MFI	0/0	
MAD	MFI	0/0	
Polyoma	MFI	0/0	
Rotavirus	MFI	0/0	
LCM	MFI	0/0	
Hantaan	MFI	0/0	
K virus	MFI	0/0	
MCMV	MFI	0/0	
MTV	IFA	0/0	
LDEV	ENZYME	0/0	
<i>E. cuniculi</i>	MFI	0/0	*Previously tested Negative

BACTERIOLOGY

Agent	No. Pos./No. Tested	Comments
<i>Salmonella spp.</i>	0/20	Nasopharynx/cecum cultures.
<i>Pasteurella pneumotropica</i>	0/20	
<i>Pasteurella spp.</i>	0/20	
<i>Bordetella bronchiseptica</i>	0/20	The bacteria isolated from the oropharynx and cecum are opportunistic or normal flora of the mouse.
<i>Pseudomonas aeruginosa</i>	0/20	
<i>Citrobacter rodentium</i>	0/20	
<i>Corynebacterium kutscheri</i>	0/20	
<i>Klebsiella pneumoniae</i>	0/20	
<i>Klebsiella oxytoca</i>	0/20	
<i>Pasteurella multocida</i>	4/20	
<i>Staphylococcus aureus</i>	0/20	
<i>Streptococcus sp. Group B beta</i>	0/20	

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PCR		
Agent	No. Pos./No. Tested	Comments
<i>Mycoplasma pulmonis</i>	0/20	Pooled samples.
<i>Helicobacter hepaticus</i> / <i>H. rodentium</i>	Positive	

PARASITOLOGY		
Type and Test	No. Pos./No. Tested	Comments
Ectoparasites Test(s): Direct pelage	0/20	External parasites were not observed in any mice.
Endoparasites Test(s): Direct, Gross, and Microscopic (intestine & bladder)	0/20	Urinary bladder parasites were not observed in any mouse. Commensal nonpathogenic intestinal flagellates were found in some animals.

PATHOLOGY		
Gross:	None Significant	Overall frequency of lesions in these mice is low.
Histologic:		
Microgranuloma liver	9/20	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Lymphoid infiltrate lung	9/20	
Lymphoid infiltrate kidney	5/20	
Lymphoid infiltrate liver	5/20	
A few other incidental lesions were also noted.		

AVAILABILITY		
Mice obtained from NIA-NIH aging colonies maintained in one maximum security barrier by Harlan in Prattville, Alabama. The combined census of these colonies, at the time of the referenced monitoring is tabulated below:		
Virgin Male (1 - 38 months of age)		9,274
Virgin Female (1- 37 months of age)		4,269
Total Census:		13,543

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