

HARLAN ANIMAL COLONIES
HEALTH EVALUATION SUMMARY

Enclosure 2
April 21, 2008
Page 1 of 2

CONTRACT N01-AG-7-2100

MICE Barrier 217

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Indianapolis, IN Barrier/Building: 217 Ship Date: 2/3/08	B6C3F1/NiaHsd	3M/1F	27 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 2/4/08 Report Date: 4/8/08
	B6D2F1/NiaHsd	2M/2F	27 months	
	CBA/JNiaHsd	0M/2F	27 months	
	CB6F1/NiaHsd	2M/2F	28 months	
	CB6F1/C3D2F1	2M/2F	28 months	
	C57BL/6NiaHsd	1M/0F	23 months	
	DBA/2JNiaHsd	0M/2F	23 months	

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	0/21	
MHV	MFI	0/21	
Sendai	MFI	0/21	
PVM	MFI	0/21	
Reo 3	MFI	0/21	
TMEV GDVII	MFI	0/21	
Mouse Parvovirus	MFI	0/21	
MVM	MFI	0/21	
Ectromelia	MFI	0/21	
MAD	MFI	0/21	
Polyoma	MFI	0/21	
Rotavirus	MFI	0/5	
LCM	MFI	0/5	
Hantaan	MFI	0/5	
K Virus	MFI	0/5	
MCMV	MFI	0/5	
MTV	IFA	0/5	
LDEV	ENZYME	0/5	
<i>E. cuniculi</i>	MFI	0/5	

BACTERIOLOGY

Agent	No. Pos/No. Tested	Comments
<i>Salmonella spp.</i>	0/21	Nasopharynx/cecum cultures. The bacteria isolated from the oropharynx and cecum are opportunistic or normal flora of the mouse.
<i>Pasteurella pneumotropica</i>	0/21	
<i>Pasteurella spp.</i>	0/21	
<i>Bordetella bronchiseptica</i>	0/21	
<i>Pseudomonas aeruginosa</i>	0/21	
<i>Citrobacter rodentium</i>	0/21	
<i>Corynebacterium kutscheri</i>	0/21	
<i>Klebsiella pneumoniae</i>	0/21	
<i>Klebsiella oxytoca</i>	0/21	
<i>Staphylococcus aureus</i>	3/21	
<i>Streptococcus sp. Group B beta</i>	0/21	

HARLAN ANIMAL COLONIES
HEALTH EVALUATION SUMMARY

Enclosure 2
April 21, 2008
Page 2 of 2

CONTRACT N01-AG-7-2100

MICE Barrier 217


PCR		
Agent	No. Pos/No. Tested	Comments
<i>Mycoplasma pulmonis</i>	0/21	
<i>Helicobacter hepaticus</i> ; <i>Helicobacter sp.</i>	0/21	

PARASITOLOGY		
Type and Test	No. Pos./No. Tested	Comments
Ectoparasites Test(s): Direct pelage	0/21	External parasites were not observed in any mice.
Endoparasites Test(s): Direct, Gross, and Microscopic (intestine & bladder)	8/21	Enteric and urinary bladder parasites were not observed in any mouse. A nonpathogenic commensal intestinal flagellate, <i>Chilomastix sp.</i> was found in some animals.

PATHOLOGY		
Gross:	None Significant	Overall frequency of lesions in these mice is low.
Histologic:		
Bronchoalveolar carcinoma	1/21	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Mixed follicular center cell lymphoma	4/12	
Microgranuloma-liver	9/21	
Lymphoid infiltrate-lung	8/21	
Lymphoid infiltrate-kidney	4/21	
Bronchoalveolar adenoma	1/21	
Thalamic mineralization	6/21	
Hemangloma	1/21	
Nephrocalcinosis	2/21	
Interstitial pneumonia	1/21	
A few other incidental lesions were noted.		

AVAILABILITY	
Mice obtained from NIA-NIH aging colonies maintained in one maximum security barrier by Harlan in Indianapolis, Indiana. The combined census of these colonies, at the time of referenced monitoring is tabulated below:	
Virgin Male (21 - 37 months of age)	271
Virgin Female (21 - 35 months of age)	304
Total Census:	575

For information, contact:
Dr. Karla A. Stevens
HARLAN
8520 Allison Pointe, #400
Indianapolis, IN 46250
Phone: (317) 806-6060
Fax: (317) 806-6073


Karla A. Stevens, D.V.M.
Principal Investigator