

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

Enclosure 2
May 1, 2007
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MICE Barrier 218B

ANIMAL FACILITY	STRAIN	NO./SEX	AGE	TESTING LABORATORY/DATES
Location: Prattville, AL Barrier/Building: 218B Ship Date: 2/4/07	BALB/cByJNiaHsd CB6F1/NiaHsd C57BL/6JNiaHsd	2M/1F 3M/0F 1M/1F	9 months 10 months 9 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 2/5/07 Report Date: 4/17/07

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	0/8	
MHV	MFI	0/8	
Sendai	MFI	0/8	
PVM	MFI	0/8	
Reo 3	MFI	0/8	
TMEV GDVII	MFI	0/8	
Mouse Parvovirus	MFI	0/8	
MVM	MFI	0/8	
Ectromelia	MFI	0/2	
MAD	MFI	0/2	
Polyoma	MFI	0/2	
Rotavirus	MFI	0/2	
LCM	MFI	0/2	
Hantaan	MFI	0/2	
K virus	MFI	0/2	
MCMV	MFI	0/2	
MTV	IFA	0/2	
LDEV	ENZYME	0/2	
<i>E. cuniculi</i>	MFI	0/2	

BACTERIOLOGY

Agent	No. Pos./No. Tested	Comments
<i>Salmonella spp.</i>	0/8	Nasopharynx/cecum cultures.
<i>Pasteurella pneumotropica</i>	0/8	
<i>Pasteurella spp.</i>	0/8	
<i>Bordetella bronchiseptica</i>	0/8	The bacteria isolated from the oropharynx and cecum are opportunistic or normal flora of the mouse.
<i>Pseudomonas aeruginosa</i>	0/8	
<i>Citrobacter rodentium</i>	0/8	
<i>Corynebacterium kutscheri</i>	0/8	
<i>Klebsiella pneumoniae</i>	0/8	
<i>Klebsiella oxytoca</i>	0/8	
<i>Pasteurella multocida</i>	0/8	
<i>Staphylococcus aureus</i>	1/8	
<i>Streptococcus sp. Group B beta</i>	0/8	

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PCR		
Agent	No. Pos./No. Tested	Comments
<i>Mycoplasma pulmonis</i>	0/8	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	0/8	External parasites were not observed in any mice.
Endoparasites Test(s): Direct, Gross, and Microscopic (intestine & bladder)	3/8	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	5/8	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Lymphoid infiltrate lung	1/8	
Lymphoid infiltrate kidney	1/8	
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 (9 - 36 months of age)	3,336
Virgin Female (9 - 36 months of age)	1,461
Total Census:	4,797

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

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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: 2/4/07	BALB/cJByNiaHsd	1M/1F	9 months	University of Missouri UMRADIL, Columbia, MO Receipt Date: 2/5/07 Report Date: 4/17/07
	B6C3F1/NiaHsd	3M/0F	9 months	
	B6D2F1/NiaHsd	3M/2F	14 months	
	CBA/JNiaHsd	2M/3F	9 months	
	CB6F1/NiaHsd	2M/0F	9 months	
	CB6F1/C3D2F1	5M/0F	15 months	
	C57BL/6NiaHsd	1M/2F	10 months	
	DBA/2JNiaHsd	2M/3F	9-10 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	0/30	
MHV	MFI	0/30	
Sendai	MFI	0/30	
PVM	MFI	0/30	
Reo 3	MFI	0/30	
TMEV GDVII	MFI	0/30	
Mouse Parvovirus	MFI	0/30	
MVM	MFI	0/30	
Ectromelia	MFI	0/30	
MAD	MFI	0/30	
Polyoma	MFI	0/30	
Rotavirus	MFI	0/6	
LCM	MFI	0/6	
Hantaan	MFI	0/6	
K Virus	MFI	0/6	
MCMV	MFI	0/6	
MTV	IFA	0/6	
LDEV	ENZYME	0/6	
<i>E. cuniculi</i>	MFI	0/6	

BACTERIOLOGY

Agent	No. Pos/No. Tested	Comments
<i>Salmonella spp.</i>	0/30	Nasopharynx/cecum cultures. The bacteria isolated from the oropharynx and cecum are opportunistic or normal flora of the mouse.
<i>Pasteurella pneumotropica</i>	0/30	
<i>Pasteurella spp.</i>	0/30	
<i>Bordetella bronchiseptica</i>	0/30	
<i>Pseudomonas aeruginosa</i>	12/30	
<i>Citrobacter rodentium</i>	0/30	
<i>Corynebacterium kutscheri</i>	0/30	
<i>Klebsiella pneumoniae</i>	0/30	
<i>Klebsiella oxytoca</i>	1/30	
<i>Staphylococcus aureus</i>	9/30	
<i>Streptococcus sp. Group B beta</i>	0/30	

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MICE Barrier 217

PCR		
Agent	No. Pos./No. Tested	Comments
<i>Mycoplasma pulmonis</i>	0/30	
<i>Helicobacter hepaticus</i> ; <i>Helicobacter sp.</i>	0/30	

PARASITOLOGY		
Type and Test	No. Pos./No. Tested	Comments
Ectoparasites Test(s): Direct pelage	0/30	External parasites were not observed in any mice.
Endoparasites Test(s): Direct, Gross, and Microscopic (intestine & bladder)	4/30	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:		
Microgranuloma liver	5/30	Lesions are incidental and/or consistent with normal aging process and are not indicative of infection with murine adventitious pathogens.
Lymphoid infiltrate lung	3/30	
Lymphoid infiltrate kidney	2/30	
Bronchoalveolar adenoma	1/30	
Tubular vacuolation, kidney	12/30	
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 (9 - 39 months of age)	5,486
Virgin Female (9 - 39 months of age)	3,430
Total Census:	8,916

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HARLAN
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Indianapolis, IN 46250
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