

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 18 March 2021



Microbiological Entity/Unit

Building: BRI

Room(s): POD 7: 1702, 1703, 1707, 1708

Entity/Unit type (mark the correct type):

Conventional

☒ Barrier

Isolator

Other

Contact person (name, e-mail, phone)

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Testing Results:

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Testing Results:	Tested subject (sentinel, colony animal, environmental, etc.)		Most recent tests		Historical results	
			Date	No. positives/ No. tested	Collected over 18 months	
					No. positives/ No. tested	Testing frequency
Testing Laboratory	Testing method					
Viruses :						
Ectromelia virus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Hantaviruses	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
K virus				Not tested		
Lactate dehydrogenase elevating virus				Not tested		
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Mouse cytomegalovirus				Not tested		
Mouse hepatitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	18-Mar-21	8/15	31/51 Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly
Mouse thymic virus				Not tested		
Parvovirus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly
- NS1				Not tested		
- MPV ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly
- MVM ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly
Polyoma virus				Not tested		
Pneumonia virus of mice ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Sendai virus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35 Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/51 Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	18-Mar-21	3/15	3/35	Yearly

1: The 2014 FELASA recommendations include these agents.

*Agents formerly known as *Pasteurella pneumotropica*, Heyl and Jawetz

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Testing Results (continued):				Most recent tests		Historical results	
Tested subject				Date	No. positives/ No. tested	Collected over 18 months	
Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	No. positives/ No. tested			No. positives/ No. tested	Testing frequency
Bacteria (continued)							
Klebsiella pneumoniae	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Rodentibacter heylii ^{1*}	CRL	PCR	Environmental	18-Mar-21	12/15	42/51	Quarterly
Rodentibacter pneumotropicus ^{1*}	CRL	PCR	Environmental	18-Mar-21	5/15	30/51	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Pneumocystis murina	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	18-Mar-21	1/15	1/35	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Parasites ¹ :							
Mites							
Myobia musculi	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Myocoptes musculinus	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Radfordia affinis	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Pinworms							
Aspiculuris tetraptera	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Syphacia oblevata	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Protozoan							
Entamoeba muris	CRL	PCR	Environmental	18-Mar-21	4/15	13/51	Quarterly
Giardia muris	CRL	PCR	Environmental	18-Mar-21	0/15	0/35	Yearly
Spironucleus muris	CRL	PCR	Environmental	18-Mar-21	0/15	0/51	Quarterly
Tritrichomonas muris				Not tested			
Other parasites							

Additional agents for which testing has been performed:

Pathology:

Additional comments:

Helicobacter spp. enzootically present in the colony: *H. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*.

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