

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 22 March 2021



Microbiological Entity/Unit

Building: BRI

Room(s): POD 2, 1202, 1208, 1209, 1214, 1218

Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other

Contact person (name, e-mail, phone)

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Testing Results:

	Testing Laboratory	Testing method	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

Viruses :

Ectromelia virus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Hantaviruses	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	22-Mar-21	20/25	50/68	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
- MVM ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Sendai virus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	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):

	Tested subject <i>(sentinel, colony animal, environmental, etc.)</i>			Most recent tests		Historical results	
				Date	No. positives/ No. tested	Collected over 18 months	
	Testing Laboratory	Testing method			No. positives/ No. tested	Testing frequency	
Bacteria & Fungi (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Rodentibacter heylii</i> ^{1*}	CRL	PCR	Environmental	22-Mar-21	25/25	68/68	Quarterly
<i>Rodentibacter pneumotropicus</i> ^{1*}	CRL	PCR	Environmental	22-Mar-21	5/25	29/68	Quarterly
<i>Pseudomonas aeruginosa</i> **	CRL	PCR	Environmental	22-Mar-21	/25	0/50	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	22-Mar-21	5/25	5/50	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
Parasites¹:							
Mites							
<i>Myobia musculi</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
Pinworms							
<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
Protozoan							
<i>Entamoeba muris</i>	CRL	PCR	Environmental	22-Mar-21	5/25	13/68	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/50	Yearly
<i>Spiroplasma muris</i>	CRL	PCR	Environmental	22-Mar-21	0/25	0/68	Quarterly
<i>Trichostrongylus axei</i>					Not tested		
Other parasites							

Additional agents for which testing has been performed:

Pathology:

Additional comments:

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

** In Mar 21, assay failed at test site. Since organism is not excluded, no follow up testing was performed. This agent may be present in this colony.

1: The 2014 FELASA recommendations include these agents.

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