

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 6: 1601, 1603, 1604, 1607, 1608

Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other

Contact person (name, e-mail, phone)

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Testing Results:

Tested subject (sentinel, colony animal, environmental, etc.)	Testing Laboratory	Testing method	Most recent tests		Historical results	
			Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency

Viruses :

Tested subject	Testing Laboratory	Testing method	Tested subject	Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Ectromelia virus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Hantaviruses	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
K virus					Not tested		
Lactate dehydrogenase elevating virus					Not tested		
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Mouse cytomegalovirus					Not tested		
Mouse hepatitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	18-Mar-21	8/28	30/75	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
Mouse thymic virus					Not tested		
Parvovirus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
- NS1					Not tested		
- MPV ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
- MVM ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
Polyoma virus					Not tested		
Pneumonia virus of mice ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Sendai virus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Helicobacter</i> spp. ¹					Enzootic in colony		
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	18-Mar-21	1/28	4/55	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	
	Testing Laboratory	Testing method		Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	18-Mar-21	1/28	1/55	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Rodentibacter heylii</i> ^{1*}	CRL	PCR	Environmental	18-Mar-21	25/28	70/75	Quarterly
<i>Rodentibacter pneumotropicus</i> ^{1*}	CRL	PCR	Environmental	18-Mar-21	17/28	54/75	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	18-Mar-21	1/28	2/55	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
Parasites¹:							
Mites							
<i>Myobia musculi</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
Pinworms							
<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/75	Quarterly
Protozoan							
<i>Entamoeba muris</i>	CRL	PCR	Environmental	18-Mar-21	2/28	9/75	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	18-Mar-21	0/28	0/55	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	18-Mar-21	3/28	9/75	Quarterly
<i>Tritrichomonas muris</i>					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*. *Spironucleus* found via PCR in 1604.

1: The 2014 FELASA recommendations include these agents.

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