

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 05 October 2023

Microbiological Entity/Unit

Building: BRI

Room(s): POD 6: 1601, 1603, 1604, 1607, 1608

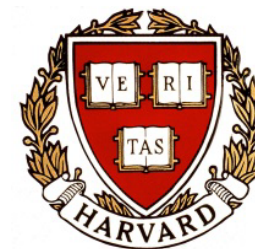
Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

				Most recent tests		Historical results	
		Testing Laboratory	Testing method	Tested subject (sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	Collected over 18 months No. positives/ No. tested Testing frequency
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Hantaviruses	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Mouse adenovirus (type 1 and 2) ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	5-Oct-23	1/4	20/52	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
- MuCPV	CRL	PCR	Environmental	5-Oct-23	0/4	7/52	Quarterly
- MPV ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
- MVM ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Sendai virus ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Bordetella pseudohinzii</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly

1: The 2014 FELASA recommendations include these agents.

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

**Agent formerly known as CAR bacillus

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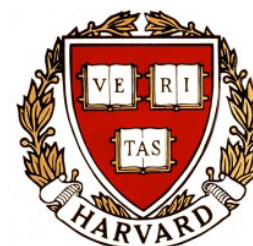
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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject		Collected over 18 months	
	Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Lawsonia intracellularis</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Rodentibacter heylii</i> ^{1*}	CRL	PCR	Environmental	5-Oct-23	4/4	48/52	Quarterly
<i>Rodentibacter pneumotropicus</i> ^{1*}	CRL	PCR	Environmental	5-Oct-23	4/4	37/52	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	24-Mar-23	2/29	2/29	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	5-Oct-23	0/4	0/52	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	5-Oct-23	1/4	5/52	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	24-Mar-23	0/29	0/29	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	5-Oct-23	0/4	8/52	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. Regular testing for this area now includes MuCPV and *Lawsonia intracellularis*. Intermittent positive MuCPV findings in 1604 are investigated and a test and cull program is underway.

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