

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 23 September 2024

Microbiological Entity/Unit

Building: BRI

Room(s): POD 3, 1303, 1305, 1306, 1309

Pod also contains *Phodopus* and *Acomys*

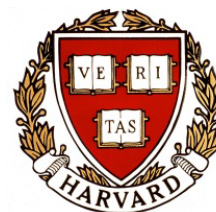
Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

Testing Results:				Most recent tests		Historical results	
Testing Laboratory	Testing method	Tested subject		Date	No. positives/ No. tested	Collected over 18 months	
		(sentinel, colony animal, environmental, etc.)				No. positives/ No. tested	Testing frequency
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Hantaviruses	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Mouse adenovirus (type 1 and 2) ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	23-Sep-24	2/4	13/38	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
- MuCPV	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
- MPV ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
- MVM ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Sendai virus ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	1-Apr-24	0/11	0/29	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environmental	1-Apr-24	0/11	0/29	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	1-Apr-24	1/18	1/29	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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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject (sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	Collected over 18 months
Testing Laboratory	Testing method	No. positives/ No. tested	No. positives/ No. tested			Testing frequency	
Bacteria & Fungi (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Lawsonia intracellularis</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Rodentibacter heylII</i> ¹	CRL	PCR	Environmental	23-Sep-24	4/4	27/38	Quarterly
<i>Rodentibacter pneumotropicus</i> ¹	CRL	PCR	Environmental	23-Sep-24	2/4	16/38	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	1-Apr-24	0/18	0/29	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	23-Sep-24	0/4	0/38	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	23-Sep-24	2/4	11/38	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	1-Apr-24	2/18	2/29	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	23-Sep-24	0/4	3/38	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. ganmani*, *H. typhlonius*, *H. mastomyrinus*, *H. hepaticus*. Pod 3 now houses colonies of *Phodopus sungorus* and *Acomys cahirinus*. Their results are reported here as well as those of the resident research mice. Regular testing for this pod now includes MuCPV and *Lawsonia intracellularis*. PCR testing for *Entamoeba* positive for hamsters and spiny mice and *Giardia* in hamsters.

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