

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 07 June 2024

Microbiological Entity/Unit

Building: BRI

Room(s): POD 5: 1501, 1508

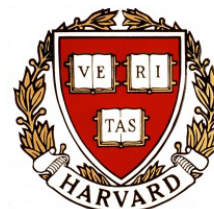
Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

Testing Results:				Most recent tests		Historical results	
				Tested subject (sentinel, colony animal, environmental, etc.)	No. positives/ No. tested	Collected over 18 months	
Testing Laboratory	Testing method	Date	No. positives/ No. tested			No. positives/ No. tested	Testing frequency
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Hantaviruses	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Mouse adenovirus (type 1 and 2) ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
- MuCPV	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
- MPV ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
- MVM ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Sendai virus ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	24-Mar-24	1/9	1/18	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Bordetella pseudohinzii</i>	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	24-Mar-24	2/9	4/18	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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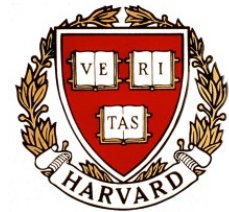
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Testing Results (continued):

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.	No.	Testing frequency	
				positives/No. tested	positives/No. tested		
Bacteria & Fungi (continued)							
Klebsiella pneumoniae	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Lawsonia intracellularis	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Rodentibacter heylii ^{1*}	CRL	PCR	Environmental	7-Jun-24	0/2	5/26	Quarterly
Rodentibacter pneumotropicus ^{1*}	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Pneumocystis murina	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	7-Jun-24	1/2	5/26	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	24-Mar-24	0/9	0/18	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	7-Jun-24	0/2	0/26	Quarterly
<i>Trichomonas muris</i>				Not tested			

Other parasites

Additional agents for which testing has been performed:

<i>Leptospira</i> spp.	CRL	PCR	Environmental	7-Jun-24	0/9	0/26	Quarterly
<i>Cryptosporidium</i> spp.	CRL	PCR	Environmental	7-Jun-24	0/9	0/26	Quarterly

Pathology:

Additional comments:

Area contains *Mus* and *Peromyscus* spp. *Helicobacter* spp. enzootically present in the colony: *H. ganmani*, *H. mastomyrinus*, *H. typhlonius*. Regular testing for this pod now includes MuCPV and *Lawsonia intracellularis*.

1: The 2014 FELASA recommendations include these agents.

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