

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 16 June 2023

Microbiological Entity/Unit

Building: BRI

Room(s): POD 7: 1702, 1703, 1707, 1708

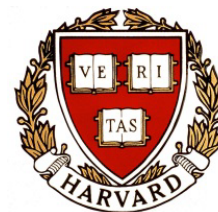
Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



Contact person (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 6642

Testing Results:

Testing Results:				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	Testing frequency					
Viruses :								
Ectromelia virus ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Hantaviruses	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
K virus				Not tested				
Lactate dehydrogenase elevating virus				Not tested				
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Mouse adenovirus (type 1 and 2) ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Mouse cytomegalovirus				Not tested				
Mouse hepatitis virus ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	
Mouse norovirus ¹	CRL	PCR	Environmental	16-Jun-23	0/4	18/50	Quarterly	
Mouse rotavirus ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	
Mouse thymic virus				Not tested				
Parvovirus ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	
- MuCPV	CRL	PCR	Environmental	16-Jun-23	0/4	4/50	Quarterly	
- MPV ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	
- MVM ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	
Polyoma virus				Not tested				
Pneumonia virus of mice ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Reovirus type 3 ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Sendai virus ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly	
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly	

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Bordetella pseudohinzii</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	23-Mar-23	1/19	1/34	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	
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
Bacteria (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	23-Mar-23	1/19	1/34	Yearly
<i>Lawsonia intracellularis</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/19	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Rodentibacter heylii</i> ^{1*}	CRL	PCR	Environmental	16-Jun-23	4/4	44/50	Quarterly
<i>Rodentibacter pneumotropicus</i> ^{1*}	CRL	PCR	Environmental	16-Jun-23	4/4	39/50	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	23-Mar-23	0/19	0/34	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	16-Jun-23	0/4	0/50	Quarterly
<i>Trichomonas 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. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. Regular testing for this area now includes MuCPV and *Lawsonia intracellularis*. 1702 testing positive for MuCPV intermittently and a test and cull program is underway.

1: The 2014 FELASA recommendations include these agents.

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

**Agent formerly known as CAR bacillus