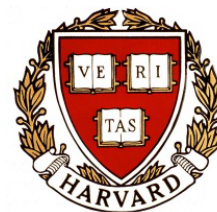


## Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 24 March 2024



### Microbiological Entity/Unit

Building: BRI

Room(s): POD 4: 1403, 1405, 1406, 1409, 1410

### 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 Laboratory	Testing method	Tested subject (sentinel, colony animal, environmental, etc.)	Most recent tests		Historical results	
				Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Collected over 18 months							
<b>Viruses :</b>							
Ectromelia virus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Hantaviruses	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Mouse adenovirus (type 1 and 2) <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
Mouse norovirus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	12/25	36/70	Quarterly
Mouse rotavirus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
Mouse thymic virus				Not tested			
Parvovirus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
- MuCPV	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
- MPV <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
- MVM <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Reovirus type 3 <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Sendai virus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
Theiler's murine encephalomyelitis virus <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly

### Bacteria & fungi:

$\beta$ -hemolytic <i>Streptococcus</i> spp. (not group D) <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Citrobacter rodentium</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Clostridium piliforme</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Corynebacterium kutscheri</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Helicobacter</i> spp. <sup>1</sup>				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	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):

				Tested subject <i>(sentinel, colony animal, environmental, etc.)</i>	Most recent tests		Historical results	
					Date	No. positives/ No. tested	Collected over 18 months	
							No. positives/ No. tested	Testing frequency
Testing Laboratory	Testing method							
<b>Bacteria &amp; Fungi (continued)</b>								
	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Klebsiella pneumoniae</i>								
<i>Lawsonia intracellularis</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Mycoplasma pulmonis</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Rodentibacter heylii</i> <sup>1*</sup>	CRL	PCR	Environmental	24-Mar-24	22/25	64/70	Quarterly	
<i>Rodentibacter pneumotropicus</i> <sup>1*</sup>	CRL	PCR	Environmental	24-Mar-24	10/25	29/70	Quarterly	
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Salmonella</i> spp. <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	24-Mar-24	2/25	4/50	Yearly	
<i>Streptobacillus moniliformis</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	
<i>Streptococcus pneumoniae</i> <sup>1</sup>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly	

### Parasites<sup>1</sup>:

#### Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly

#### Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly

#### Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/70	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	24-Mar-24	0/25	0/50	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	24-Mar-24	2/25	4/70	Quarterly
<i>Tritrichomonas muris</i>					Not tested		

#### Other parasites

Additional agents for which testing has been performed:

Pathology:

Additional comments:

1: The 2014 FELASA recommendations include these agents.

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

\*\*Agent formerly known as CAR bacillus

*Helicobacter* spp. enzootically present in the colony: *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. *Spironucleus* found intermittently in 1410. Regular testing for this pod now includes MuCPV and *Lawsonia intracellularis*.

1: The 2014 FELASA recommendations include these agents.

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

\*\*Agent formerly known as CAR bacillus