

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 25 September 2024

Microbiological Entity/Unit

Building: BRI

Room(s): POD 1; 1111, 1114, 1102

Genome Modification Facility

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		Collected over 18 months	
	Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	Date	No. positives/	No. positives/	Testing frequency
					No. tested	No. tested	
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Hantaviruses	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Mouse adenovirus (type 1 and 2) ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Mouse norovirus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
- MuCPV	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
- MPV ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
- MVM ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Reovirus type 3 ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Sendai virus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Bordetella pseudohinzii</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Campylobacter</i> spp.	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Corynebacterium bovis</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Filobacterium rodentium</i> **	CRL	PCR	Environment	25-Sep-24	0/14	0/92	Quarterly
<i>Helicobacter</i> spp. ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Klebsiella oxytoca</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

1: The 2014 FELASA recommendations include these agents.

* Formerly *Pasteurella pneumotropica*, Heyl and Jawetz

**Formerly CAR bacillus

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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 & fungi (continued)								
	<i>Klebsiella pneumoniae</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Lawsonia intracellularis</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Rodentibacter heylII</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Rodentibacter pneumotropicus</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Proteus mirabilis</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Pneumocystis murina</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Salmonella</i> spp. ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Staphylococcus aureus</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
	<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

Parasites¹:

Mites

<i>Demodex musculi</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Myobia musculi</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

Protozoan

<i>Cryptosporidium</i> spp.	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Entamoeba muris</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Spironucleus muris</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly
<i>Tritrichomonas muris</i>	CRL	PCR	Environment	25-Sep-24	0/17	0/92	Quarterly

Additional agents for which testing has been performed:

Pathology:

Additional comments:

Please contact the facility for further information on opening and closing of rooms in this pod. Regular testing for this pod now includes MuCPV and *Lawsonia intracellularis*.

1: The 2014 FELASA recommendations include these agents.

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