

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 21 Jun 2016

Microbiological Entity/Unit

Building: BRI

Room(s): POD 5: 1501, 1504, 1508

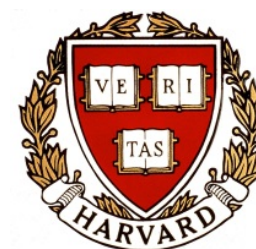
Entity/Unit type (mark the correct type) :

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		Collected over 18 months	
Testing Laboratory	Testing method	Tested subject <i>(sentinel, colony animal, environmental, etc.)</i>	Date	No.	No.	Testing frequency	
				positives/ No. tested	positives/ No. tested		
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Hantaviruses	CRL	PCR	Environmental	21-Jun-16	0/5	0/44	Quarterly
K virus	CRL	MFIA	Sentinel	21-Jun-16	/	0/18	(not tested further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	18/62	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
- NS1	CRL	MFIA	Sentinel	21-Jun-16	/	0/18	(not tested further)
- MPV ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
- MVM ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	21-Jun-16	/	0/18	(not tested further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Sendai virus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly

1: The 2014 FELASA recommendations include these agents.

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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject (sentinel, colony animal, environmental, etc.)		Collected over 18 months	
Testing Laboratory	Testing method			Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria & Fungi (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	21-Jun-16	0/5	1/37	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	21-Jun-16	2/5	26/62	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	21-Jun-16	1/5	1/19	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/19	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	21-Jun-16	4/5	22/62	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/37	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	21-Jun-16	0/5	0/62	Quarterly
<i>Trichomonas muris</i>	CRL	Sentinel	Direct	21-Jun-16	/	0/18	(not tested further)

Other parasites

Additional agents for which testing has been performed:

<i>Leptospira</i> spp.	CRL	PCR	Environment	21-Jun-16	0/5	0/30	Quarterly
<i>Cryptosporidium</i> spp.	CRL	PCR	Environment	21-Jun-16	0/5	0/30	Quarterly

Pathology:

Additional comments:

Area contains *Mus*, *Peromyscus*, and *Rhabdomys*, all previously tested via *Mus* bedding sentinels. In June of 2015, health monitoring switched to environmental monitoring from sentinel monitoring and some frequencies for agent testing were changed. Historical results are presented until they expire. Enzootically present in the colony: *H. ganmani*, *H. mastomyrinus*, *H. typhlonius*.

1: The 2014 FELASA recommendations include these agents.