

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 21 December 2016

Microbiological Entity/Unit

Building: BRI

Room(s): POD 6: 1601, 1603, 1604, 1607, 1608

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	(sentinel, colony animal, environmental, etc.)		Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency

Collected over 18 months

Viruses :

Ectromelia virus ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Hantaviruses	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	21-Dec-16	5/5	101/140	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
- MVM ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Sendai virus ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	29-Jun-16	8/30	8/30	Yearly

1: The 2014 FELASA recommendations include these agents.

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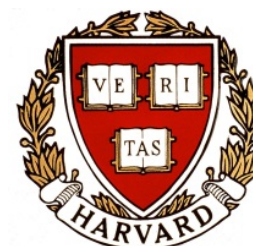
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Testing Results (continued):

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. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	29-Jun-16	1/30	1/30	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	21-Dec-16	5/5	137/140	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	29-Jun-16	4/30	4/30	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	29-Jun-16	4/30	4/30	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/140	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	21-Dec-16	3/5	48/140	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	29-Jun-16	0/30	0/30	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	21-Dec-16	0/5	17/138	Quarterly
<i>Tritrichomonas muris</i>	Not tested						

Other parasites

Additional agents for which testing has been performed:

Pathology:

Additional comments:

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. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. *Spironucleus* found via PCR in 1604.

1: The 2014 FELASA recommendations include these agents.