

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 31 March 2016

Microbiological Entity/Unit

Building: BRI

Room(s): POD 1; 1111, 1114, 1104, 1102

Genome Modification Facility

Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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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
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Hantaviruses	CRL	PCR	Environment	31-Mar-16	0/10	0/49	Quarterly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Mouse norovirus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/67	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
- MVM ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Reovirus type 3 ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Sendai virus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environment	31-Mar-16	0/10	5/56	Quarterly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
<i>Bordetella hinzii</i>	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Cilia-associated respiratory bacillus	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
<i>Helicobacter</i> spp. ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
<i>Klebsiella oxytoca</i>	CRL	PCR	Environment	31-Mar-16	0/10	4/56	Quarterly

1: The 2014 FELASA recommendations include these agents.

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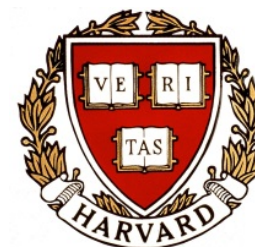
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Testing Results (continued):

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 & fungi (continued)							
Klebsiella pneumoniae	CRL	PCR	Environment	31-Mar-16	0/10	7/56	Quarterly
Mycoplasma pulmonis ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Pasteurella pneumotropica ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Pneumocystis murina	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Salmonella spp. ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Staphylococcus aureus	CRL	PCR	Environment	31-Mar-16	0/10	12/56	Quarterly
Streptobacillus moniliformis ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Streptococcus pneumoniae ¹	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Parasites ¹ :							
Mites							
Myobia musculi	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Myocoptes musculinus	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Radfordia affinis	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Pinworms							
Aspiculuris tetraptera	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Syphacia oblevata	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Protozoan							
Entamoeba muris	CRL	PCR	Environment	31-Mar-16	0/10	1/71	Quarterly
Giardia muris	CRL	PCR	Environment	31-Mar-16	0/10	0/56	Quarterly
Spironucleus muris	CRL	PCR	Environment	31-Mar-16	0/10	0/71	Quarterly
Tritrichomonas muris				Not tested			

Additional agents for which testing has been performed:

Proteus mirabilis found in 1 room: 1114 (1 rack).

Pathology:

Additional comments:

Colony reconstituted and rooms recycled in April of 2014 after *Spironucleus muris* found via PCR. Historically, *S. aureus* only present in 1114 (3 racks). Beta hemolytic group B *Streptococcus* only present in 1114 (2 racks)

1: The 2014 FELASA recommendations include these agents.