



Research Animal Facility (RAF)

Health Report

Area: **B6**

BARRIER LEVEL

ELEVATED BARRIER

INTERMEDIATE BARRIER

LOW BARRIER

Please consult our website for descriptions of our barrier levels.

PATHOGENS AND OTHER ORGANISMS- EXCLUDED FROM ALL BARRIERS (SHIPPING STOPPED)

If one of these organisms is found in any Research area, all shipments from the area are suspended and customers are notified.*

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Sep '18	Jun '18	Mar '18	Dec '17
VIRUSES							
Ectromelia virus	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
GDVII (Theiler's) virus	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Hantaan virus	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
K virus	Serum	ELISA	annually	0/03	-	-	-
LDH elevating virus (LDEV)	Serum	Enzyme	annually	-	-	0/10	-
Lymphocytic choriomeningitis (LCMV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse adenovirus (MAV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse cytomegalovirus (MCMV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse hepatitis virus (MHV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse minute virus (MMV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse parvovirus (MPV)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Mouse parvovirus (MPV)†	Lymph node	PCR	quarterly	0/01	0/01	0/01	-
Mouse thymic virus (MTV)	Serum	IFA	biannually	-	0/09	-	0/15
Pneumonia virus of mice (PVM)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Polyoma virus	Serum	ELISA	annually	0/03	-	-	-
Reovirus 3 (REO 3)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Rotavirus (EDIM)	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Sendai virus	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
BACTERIA & MYCOPLASMA							
<i>Bordetella</i> spp.	Oropharynx	Culture	quarterly	0/04	0/10	0/14	0/15
CAR bacillus	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
<i>Citrobacter rodentium</i>	Intestine or feces	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Clostridium piliforme</i>	Serum	ELISA	biannually	0/03	-	0/13	-
<i>Corynebacterium bovis</i>	Oropharynx/skin	Culture	quarterly	0/05	0/11	0/16	0/16
<i>Corynebacterium kutscheri</i>	Oropharynx	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Mycoplasma pulmonis</i>	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
<i>Salmonella</i> spp.	Intestine or feces	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Streptobacillus moniliformis</i>	Oropharynx	Culture	quarterly	0/04	0/10	0/14	0/15

[*Additional details regarding our health monitoring program and shipping policy.](#)

†The indicated tests are only performed in rooms that house immunodeficient mice.

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Sep '18	Jun '18	Mar '18	Dec '17
PARASITES & PROTOZOA							
<i>Encephalitozoon cuniculi</i>	Serum	MFI	quarterly	0/03	0/09	0/13	0/15
Ectoparasites (fleas, lice, mites)	Fur	Visual	quarterly	0/04	0/10	0/14	0/15
Endoparasites (tapeworms, pinworms, and other helminths)	Intestine or cecum	Visual	quarterly	0/04	0/10	0/14	0/15
Follicle mites	Subcutis	Visual	quarterly	0/04	0/10	0/14	0/15

OPPORTUNISTIC ORGANISMS MONITORED (SHIPPING NOT STOPPED)

All of these organisms are excluded from **elevated barriers** and most are excluded from **intermediate barriers**, but some of these organisms are currently tolerated in **low barrier** areas. When an excluded organism is found, an investigation is undertaken to identify and eliminate all infected mice from the barrier. Positive results- including results from investigations- are noted in this report, but shipping from the area is not suspended.*

Organism	Sample Tested	Test Method	Frequency	Sep '18	Jun '18	Mar '18	Dec '17
<i>Helicobacter</i> spp.	Intestine or feces	PCR	quarterly			Presumed positive	
<i>Klebsiella pneumoniae</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Klebsiella</i> spp. other than <i>K. pneumoniae</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/04	1/10	0/14	1/15
Mouse norovirus (MNV)	Serum	MFI	quarterly	0/03	0/09	0/13	8/783**
Nonpathogenic protozoa (e.g., Trichomonads)	Intestine	Microscopy	quarterly	0/04	0/10	0/14	0/15
Opportunistic protozoa (e.g., Giardia, Spironucleus)	Intestine	Microscopy	quarterly	0/04	0/10	0/14	0/15
<i>Pasteurella pneumotropica</i>	Oropharynx	Culture	quarterly	3/04	0/10	3/14	4/15
<i>Pneumocystis murina</i> †	Lung	PCR	quarterly	0/01	0/01	0/01	-
<i>Proteus</i> spp.	Oropharynx, intestine, or feces	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Pseudomonas</i> spp.	Intestine or feces	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Staphylococcus aureus</i>	Oropharynx	Culture	quarterly	0/04	0/10	0/14	0/15
<i>Streptococcus pneumoniae</i>	Oropharynx	Culture	6 weeks	0/04	0/10	0/14	0/15
Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)	Oropharynx	Culture	6 weeks	0/04	0/10	0/14	0/15

Gross Pathology	Test Method	Frequency	Sep '18	Jun '18	Mar '18	Dec '17
Necropsy findings	Exam, histopath	quarterly	0/04	0/10	0/14	0/15

**The positive MNV findings were due to a PCR survey of every cage in this mouse room as part of an effort to eliminate MNV.

All tests were performed by The Jackson Laboratory

James R. Fahey, MS, PhD, DVM, DACVM
 Chief of Diagnostic Services & Associate Director
 Comparative Medicine & Quality

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The Jackson Laboratory
 600 Main Street
 Bar Harbor, ME 04609
 1-800-422-6423