



JAX[®] Mice, Clinical & Research Services (JMCRS)

Health Report

Area: MP16

HEALTH STATUS

- PATHOGEN & OPPORTUNIST FREE
 PATHOGEN FREE

BARRIER LEVEL

- MAXIMUM BARRIER
 STANDARD BARRIER

Please consult our website for descriptions of our health statuses and barrier levels.

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

If one of these organisms is found in JMCRS facilities, all shipments are suspended and customers are notified.*

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Jun 1 '26	Apr 20 '26	Mar 9 '26	Jan 26 '26	Previous 12 months
VIRUSES								
Ectromelia virus	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
GDVII (Theiler's) virus	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Hantaan virus	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
K virus	Serum	ELISA	annually	N/A	N/A	N/A	0/20	0/21
LDH elevating virus (LDEV)	Serum	PCR	annually	N/A	N/A	0/10	N/A	0/10
Lymphocytic choriomeningitis (LCMV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse adenovirus (MAV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse cytomegalovirus (MCMV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Murine chapparovirus (MuCPV)	Cecum or feces	PCR	6 weeks	0/06	0/06	0/06	0/06	0/54
Mouse hepatitis virus (MHV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse minute virus (MMV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse norovirus (MNV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse parvovirus (MPV)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Mouse parvovirus (MPV) ⁺	Lymph node	PCR	6 weeks	N/A	N/A	N/A	N/A	N/A
Mouse thymic virus (MTV)	Serum	IFA	quarterly	0/20	N/A	N/A	0/20	0/104
Pneumonia virus of mice (PVM)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Polyoma virus	Serum	ELISA	annually	N/A	N/A	N/A	0/20	0/21
Reovirus 3 (REO 3)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Rotavirus (EDIM)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Sendai virus	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
BACTERIA & MYCOPLASMA								
<i>Bordetella</i> spp.	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Citrobacter rodentium</i>	Intestine or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Clostridium piliforme</i>	Serum	ELISA	quarterly	0/20	N/A	N/A	0/20	0/104
<i>Corynebacterium bovis</i> ^{†¶}	Skin	PCR	6 weeks	N/A	N/A	N/A	N/A	N/A
<i>Corynebacterium kutscheri</i>	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Filobacterium rodentium</i> (CAR bacillus)	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Mycoplasma pulmonis</i>	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Mycoplasma</i> spp.	Lung	PCR	semi-annual	N/A	N/A	N/A	0/06	0/12
<i>Salmonella</i> spp.	Intestine or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Streptobacillus moniliformis</i>	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185

*Additional details regarding our health monitoring program and shipping policy.

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Jun 1 '26	Apr 20 '26	Mar 9 '26	Jan 26 '26	Previous 12 months
PARASITES								
<i>Encephalitozoon cuniculi</i>	Serum	MFI	6 weeks	0/20	0/20	0/20	0/20	0/185
Ectoparasites (fleas, lice, mites§)	Fur	Visual	6 weeks	0/06	0/06	0/06	0/06	0/54
Endoparasites (tapeworms, pinworms§, and other helminths)	Intestine or cecum	Visual	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Demodex musculi</i> (Follicle mite)	Fur swab	PCR	annually	N/A	N/A	N/A	N/A	0/6
<i>Psorergates simplex</i> (Follicle mite)	Subcutis	Visual	6 weeks	0/20	0/20	0/20	0/20	0/179
Protozoa§ (Giardia, Spironucleus, etc.)	Intestine	Microscopy	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Toxoplasma gondii</i> ‡	Serum	ELISA	semi-annual	N/A	N/A	N/A	0/06	0/12

OPPORTUNISTIC ORGANISMS MONITORED (SHIPPING NOT STOPPED)

All of these organisms are excluded from JMCRS **maximum and high barriers**, and most are excluded from **standard barrier** areas. When a confirmed finding of an excluded organism is made, 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	Jun 1 '26	Apr 20 '26	Mar 9 '26	Jan 26 '26	Previous 12 months
<i>Helicobacter</i> spp.	Intestine or feces	PCR	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Klebsiella pneumoniae</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Klebsiella oxytoca</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Pasteurella multocida</i>	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Rodentibacter pneumotropicus</i> / <i>Rodentibacter heyltii</i>	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Pneumocystis murina</i> †	Lung	PCR	6 weeks	N/A	N/A	N/A	N/A	N/A
<i>Proteus mirabilis</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Pseudomonas aeruginosa</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Staphylococcus aureus</i>	Oropharynx	Culture	6 weeks	19/784**	5/30**	0/20	0/20	0/185
<i>Streptococcus pneumoniae</i>	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)	Oropharynx	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
Trichomonads§	Intestine	Microscopy	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Yersinia enterocolitica</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185
<i>Yersinia pseudotuberculosis</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/20	0/20	0/20	0/20	0/185

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

¶ One sample represents testing of 60 pooled animals

§ Testing for the following organisms also performed by PCR: **Fur mites:** *Myobia musculi*, *Myocoptes musculinus*, *Radfordia affinis* **Pinworms:** *Aspicularis tetraptera*, *Syphacia muris*, *Syphacia obvelata* **Protozoa:** *Cryptosporidium* spp., *Giardia muris*, *Entamoeba muris*, *Spironucleus muris* **Trichomonads:** *Tritrichomonas muris*, *Tritrichomonas minuta*

‡This testing is performed by an outside vendor

** A test & cull effort was initiated to eliminate this organism from this barrier. Additional positives were found, and a thorough investigation is still ongoing. For additional information call 1-800-422-6423.

All tests were performed by The Jackson Laboratory

Rosalinda A. Doty DVM, PhD, DACVP
 Director, Diagnostic and Pathology Services
MiceTech@jax.org

MP16

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