



# Research Animal Facility (RAF)

## Health Report

### Area: FGB27 (F27)

#### HEALTH STATUS

- PATHOGEN & OPPORTUNIST FREE
- PATHOGEN FREE

#### 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	Jun '26	Mar '26	Dec '25	Sep '25
<b>VIRUSES</b>							
Ectromelia virus	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
GDVII (Theiler's) virus	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Hantaan virus	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
K virus	Serum	ELISA	annually	N/A	N/A	N/A	0/13
LDH elevating virus (LDEV)	Serum	PCR	annually	N/A	0/10	N/A	N/A
Lymphocytic choriomeningitis (LCMV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Mouse adenovirus (MAV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Mouse cytomegalovirus (MCMV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Murine chapparrivirus (MuCPV)	Cecum or feces	PCR	quarterly	0/10	0/13	0/14	0/13
Mouse hepatitis virus (MHV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Mouse minute virus (MMV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Mouse parvovirus (MPV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Mouse parvovirus (MPV) <sup>†</sup>	Lymph node	PCR	quarterly	N/A	N/A	N/A	N/A
Mouse thymic virus (MTV)	Serum	IFA	biannually	0/10	N/A	0/14	N/A
Pneumonia virus of mice (PVM)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Polyoma virus	Serum	ELISA	annually	N/A	N/A	N/A	0/13
Reovirus 3 (REO 3)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Rotavirus (EDIM)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Sendai virus	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
<b>BACTERIA &amp; MYCOPLASMA</b>							
<i>Bordetella</i> spp	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Citrobacter rodentium</i>	Intestine or feces	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Clostridium piliforme</i>	Serum	ELISA	biannually	N/A	0/13	N/A	0/13
<i>Corynebacterium bovis</i> †	Skin	PCR	quarterly	N/A	N/A	N/A	N/A
<i>Corynebacterium kutscheri</i>	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Filobacterium rodentium</i> (CAR bacillus)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
<i>Mycoplasma pulmonis</i>	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
<i>Salmonella</i> spp.	Intestine or feces	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Streptobacillus moniliformis</i>	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13

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

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Jun '26	Mar '26	Dec '25	Sep '25
<b>PARASITES &amp; PROTOZOA</b>							
<i>Encephalitozoon cuniculi</i>	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Ectoparasites (fleas, lice, mites§)	Fur	Visual	quarterly	0/10	0/13	0/14	0/13
Endoparasites (tapeworms, pinworms§, and other helminths)	Intestine or cecum	Visual	quarterly	0/10	0/13	0/14	0/13
<i>Psorergates simplex</i> (Follicle mite)	Subcutis	Visual	quarterly	0/10	0/13	0/14	0/13

### 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	Jun '26	Mar '26	Dec '25	Sep '25
<i>Helicobacter</i> spp.	Intestine or feces	PCR	quarterly	0/10	<b>7/13</b>	<b>6/14</b>	<b>12/13</b>
<i>Klebsiella pneumoniae</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Klebsiella oxytoca</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/10	0/13	0/14	0/13
Mouse norovirus (MNV)	Serum	MFI	quarterly	0/10	0/13	0/14	0/13
Protozoa§ (Giardia, Spironucleus, etc.)	Intestine	Microscopy	quarterly	0/10	0/13	0/14	0/13
<i>Pasteurella multocida</i>	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Rodentibacter pneumotropicus</i> / <i>Rodentibacter heylji</i>	Oropharynx	Culture	quarterly	0/10	<b>7/13</b>	<b>8/14</b>	<b>10/13</b>
<i>Pneumocystis murina</i> †	Lung	PCR	quarterly	N/A	N/A	N/A	N/A
<i>Proteus mirabilis</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/10	<b>1/13</b>	0/14	0/13
<i>Pseudomonas aeruginosa</i>	Oropharynx, intestine, or feces	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Staphylococcus aureus</i>	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
<i>Streptococcus pneumoniae</i>	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)	Oropharynx	Culture	quarterly	0/10	0/13	0/14	0/13
Trichomonads§	Intestine	Microscopy	quarterly	<b>6/10</b>	<b>10/13</b>	<b>8/14</b>	<b>4/13</b>

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

§ 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*

All tests were performed by The Jackson Laboratory

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