



# Reproductive Sciences (RS)

## Health Report

Area: G200

### HEALTH STATUS

- PATHOGEN & OPPORTUNIST FREE
- PATHOGEN FREE

### BARRIER LEVEL

- MAXIMUM BARRIER
- HIGH 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 Reproductive Sciences facilities, all shipments are suspended and customers are notified.\*

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Feb 12 '18	Jan 2 '18	Nov 20 '17	Oct 9 '17	Previous 12 months
<b>VIRUSES</b>								
Ectromelia virus	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
GDVII (Theiler's) virus	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Hantaan virus	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
K virus	Serum	ELISA	6 weeks	0/274	0/274	0/296	0/256	0/2501
LDH elevating virus (LDEV)	Serum	Enzyme	annually	-	-	-	-	0/10
Lymphocytic choriomeningitis (LCMV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse adenovirus (MAV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse cytomegalovirus (MCMV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse hepatitis virus (MHV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse minute virus (MMV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse norovirus (MNV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse parvovirus (MPV)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Mouse parvovirus (MPV) <sup>†</sup>	Lymph node	PCR	6 weeks	0/06	0/05	0/06	0/06	0/49
Mouse thymic virus (MTV)	Serum	IFA	6 weeks	0/274	0/274	0/296	0/256	0/2501
Pneumonia virus of mice (PVM)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Polyoma virus	Serum	ELISA	6 weeks	0/274	0/274	0/296	0/256	0/2501
Reovirus 3 (REO 3)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Rotavirus (EDIM)	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Sendai virus	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
<b>BACTERIA &amp; MYCOPLASMA</b>								
<i>Bordetella</i> spp.	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508
CAR bacillus	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
<i>Citrobacter rodentium</i>	Intestine or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
<i>Clostridium piliforme</i>	Serum	ELISA	6 weeks	0/274	0/274	0/296	0/256	0/2501
<i>Corynebacterium bovis</i>	Oropharynx/skin	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508
<i>Corynebacterium kutscheri</i>	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508
<i>Helicobacter</i> spp.	Intestine or feces	PCR	6 weeks	0/274	0/274	0/296	0/256	0/2508
<i>Mycoplasma pulmonis</i>	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
<i>Pasteurella</i> spp.	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508
<i>Salmonella</i> spp.	Intestine or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
<i>Streptobacillus moniliformis</i>	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508

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

<sup>†</sup>The indicated tests are only performed in rooms that house immunodeficient mice.

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Feb 12 '18	Jan 2 '18	Nov 20 '17	Oct 9 '17	Previous 12 months
<b>PARASITES &amp; PROTOZOA</b>								
<i>Encephalitozoon cuniculi</i>	Serum	MFI	6 weeks	0/274	0/274	0/296	0/256	0/2501
Ectoparasites (fleas, lice, mites)	Fur	Visual	6 weeks	0/274	0/274	0/296	0/256	0/2508
Endoparasites (tapeworms, pinworms, and other helminths)	Intestine or cecum	Visual	6 weeks	0/274	0/274	0/296	0/256	0/2508
Follicle mites	Subcutis	Visual	6 weeks	0/274	0/274	0/296	0/256	0/2508
Opportunistic protozoa (e.g., <i>Giardia</i> , <i>Spiroplasma</i> )	Intestine	Microscopy	6 weeks	0/274	0/274	0/296	0/256	0/2508

### OPPORTUNISTIC ORGANISMS MONITORED (SHIPPING NOT STOPPED)

All of these organisms are excluded from Reproductive Sciences facilities. When a confirmed finding of an excluded organism is made, an investigation is undertaken to identify and eliminate all infected mice from the barrier. Confirmed 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	Feb 12 '18	Jan 2 '18	Nov 20 '17	Oct 9 '17	Previous 12 months
<i>Klebsiella pneumoniae</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
<i>Klebsiella</i> spp. other than <i>K. pneumoniae</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
Nonpathogenic protozoa (e.g., <i>Trichomonads</i> )	Intestine	Microscopy	6 weeks	0/274	0/274	0/296	0/256	0/2508
<i>Pneumocystis murina</i> †	Lung	PCR	6 weeks	0/06	0/05	0/06	0/06	0/49
<i>Proteus mirabilis</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
<i>Pseudomonas</i> spp.	Intestine or feces	Culture	6 weeks	0/777	0/706	0/728	0/687	0/9549
<i>Staphylococcus aureus</i>	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/4657
<i>Streptococcus pneumoniae</i>	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508
Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)	Oropharynx	Culture	6 weeks	0/274	0/274	0/296	0/256	0/2508

Gross Pathology	Test Method	Frequency	Feb 12 '18	Jan 2 '18	Nov 20 '17	Oct 9 '17	Previous 12 months
Necropsy findings	Exam, histopath	6 weeks	0/274	0/274	0/296	0/256	0/2508

### EMBRYO WASH TESTING

All embryos undergo extensive washing before implantation into mice. A confirmed positive finding for excluded organisms in the embryo wash fluid will initiate an investigation of the mouse colonies in G200. Confirmed positive results in mice- including results from investigations- would be noted in this report and shipping will be suspended.

Organism	Sample Tested	Test Method	Frequency	Feb 12 '18	Jan 2 '18	Nov 20 '17	Oct 9 '17	Previous 12 months
Mouse Pathogen Panel‡	Final wash fluid or embryos	PCR	6 weeks	0/756	0/720	0/714	0/635	0/6871

‡The Mouse Pathogen Panel utilizes qPCR for detection of Ectromelia virus, LDEV, LCMV, MAV, MCMV, MHV, MMV, MNV, MPV, MTV, PVM, Polyoma virus, Reovirus, EDIM, Sendai virus, TMEV, *Mycoplasma* and *Helicobacter* in wash fluids and embryos from IVF-derived mouse embryos, cryopreserved embryos, and microinjected embryos for implantation into pseudopregnant foster mothers.

All tests were performed by The Jackson Laboratory

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G200

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