



# JAX<sup>®</sup> Mice, Clinical & Research Services (JMCRS)

## Production Health Report

### Area: AX4

#### 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 any JMCRS area, all shipments are suspended and customers are notified.\*

Test Results: #positive/#tested

Organism	Sample Tested	Test Method	Frequency	Aug 12 '19	Jul 1 '19	May 20 '19	Apr 8 '19	Previous 12 months
<b>VIRUSES</b>								
Ectromelia virus	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
GDVII (Theiler's) virus	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Hantaan virus	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
K virus	Serum	ELISA	annually	-	-	0/18	-	0/16
LDH elevating virus (LDEV)	Serum	Enzyme	annually	-	-	-	0/10	0/10
Lymphocytic choriomeningitis (LCMV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse adenovirus (MAV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse cytomegalovirus (MCMV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse hepatitis virus (MHV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse minute virus (MMV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse norovirus (MNV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse parvovirus (MPV)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Mouse parvovirus (MPV) <sup>†</sup>	Lymph node	PCR	6 weeks	-	-	-	-	0/0
Mouse thymic virus (MTV)	Serum	IFA	quarterly	-	0/18	0/18	-	0/64
Pneumonia virus of mice (PVM)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Polyoma virus	Serum	ELISA	annually	-	-	0/18	-	0/16
Reovirus 3 (REO 3)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Rotavirus (EDIM)	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
Sendai virus	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
<b>BACTERIA &amp; MYCOPLASMA</b>								
<i>Bordetella</i> spp.	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
CAR bacillus	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
<i>Citrobacter rodentium</i>	Intestine or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/146
<i>Clostridium piliforme</i>	Serum	ELISA	quarterly	-	0/18	0/18	-	0/64
<i>Corynebacterium bovis</i>	Oropharynx/skin	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Corynebacterium kutscheri</i>	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Helicobacter</i> spp.	Intestine or feces	PCR	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Mycoplasma pulmonis</i>	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
<i>Pasteurella</i> spp.	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Salmonella</i> spp.	Intestine or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/146
<i>Streptobacillus moniliformis</i>	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151

[\\*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	Aug 12 '19	Jul 1 '19	May 20 '19	Apr 8 '19	Previous 12 months
<b>PARASITES &amp; PROTOZOA</b>								
<i>Encephalitozoon cuniculi</i>	Serum	MFI	6 weeks	0/18	0/18	0/18	0/16	0/146
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
Follicle mites	Subcutis	Visual	6 weeks	0/18	0/18	0/18	0/16	0/146
Opportunistic protozoa (e.g., Giardia, Spironucleus)	Intestine	Microscopy	6 weeks	0/06	0/06	0/06	0/06	0/54

### 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	Aug 12 '19	Jul 1 '19	May 20 '19	Apr 8 '19	Previous 12 months
<i>Klebsiella pneumoniae</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Klebsiella</i> spp. other than <i>K. pneumoniae</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
Nonpathogenic protozoa (e.g., Trichomonads)	Intestine	Microscopy	6 weeks	0/06	0/06	0/06	0/06	0/54
<i>Pneumocystis murina</i> †	Lung	PCR	6 weeks	-	-	-	-	0/0
<i>Proteus mirabilis</i>	Oropharynx, intestine, or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Pseudomonas</i> spp.	Intestine or feces	Culture	6 weeks	0/18	0/18	0/18	0/16	0/146
<i>Staphylococcus aureus</i>	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
<i>Streptococcus pneumoniae</i>	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151
Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)	Oropharynx	Culture	6 weeks	0/18	0/18	0/18	0/16	0/151

Gross Pathology	Test Method	Frequency	Aug 12 '19	Jul 1 '19	May 20 '19	Apr 8 '19	Previous 12 months
Necropsy findings	Exam, histopath	6 weeks	0/18	0/18	0/18	0/16	0/146

All tests were performed by The Jackson Laboratory

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