**JAX® Mice, Clinical & Research Services (JMCRS)**
Production Health Report
Area: MP23

<p>| PATHOGENS AND OTHER ORGANISMS- EXCLUDED FROM ALL BARRIERS (SHIPPING STOPPED) |
| Test Results: #positive/#tested |</p>
<table>
<thead>
<tr>
<th>Organism</th>
<th>Sample Tested</th>
<th>Test Method</th>
<th>Frequency</th>
<th>Dec 16 '19</th>
<th>Nov 4 '19</th>
<th>Sep 23 '19</th>
<th>Aug 12 '19</th>
<th>Previous 12 months</th>
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<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
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<tr>
<td>Ectromelia virus</td>
<td>Serum</td>
<td>MFI</td>
<td>6 weeks</td>
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<td>0/144</td>
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<td>GDVII (Theiler’s) virus</td>
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<td>Hantaan virus</td>
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<tr>
<td>K virus</td>
<td>Serum</td>
<td>ELISA</td>
<td>annually</td>
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<td><strong>BACTERIA &amp; MYCOPLASMA</strong></td>
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<tr>
<td>Bordetella spp.</td>
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<td>Culture</td>
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<tr>
<td>CAR bacillus</td>
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<td>MFI</td>
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<td>Citrobacter rodentium</td>
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<td>Culture</td>
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<td>0/16</td>
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<td>Mycoplasma pulmonis</td>
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<td>Pasteurella spp.</td>
<td>Oropharynx</td>
<td>Culture</td>
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<tr>
<td>Salmonella spp.</td>
<td>Intestine or feces</td>
<td>Culture</td>
<td>6 weeks</td>
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<td>0/16</td>
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<td>Streptobacillus moniliformis</td>
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<td>Culture</td>
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<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
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</tbody>
</table>

*Additional details regarding our health monitoring program and shipping policy.
†The indicated tests are only performed in rooms that house immunodeficient mice.

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

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**Page 1 of 2**
<table>
<thead>
<tr>
<th>Organism Sample Tested</th>
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<th>Frequency</th>
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<tbody>
<tr>
<td><strong>PARASITES &amp; PROTOZOA</strong></td>
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<td><em>Encephalitozoon cuniculi</em></td>
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<td>MFI</td>
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<td>0/16</td>
<td>0/16</td>
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<tr>
<td>Ectoparasites (fleas, lice, mites)</td>
<td>Fur</td>
<td>Visual</td>
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<td>0/06</td>
<td>0/06</td>
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<td>Endoparasites (tapeworms, pinworms, and other helminths)</td>
<td>Intestine or cecum</td>
<td>Visual</td>
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<td>0/06</td>
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<tr>
<td>Follicle mites</td>
<td>Subcutis</td>
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<tr>
<td>Opportunistic protozoa (e.g., Giardia, Spironucleus)</td>
<td>Intestine</td>
<td>Microscopy</td>
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<tr>
<td>Klebsiella pneumoniae</td>
<td>Oropharynx, intestine, or feces</td>
<td>Culture</td>
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<td>0/16</td>
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<td>Klebsiella spp. other than <em>K. pneumoniae</em></td>
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<td>Culture</td>
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<tr>
<td>Nonpathogenic protozoa (e.g., Trichomonads)</td>
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<td>Microscopy</td>
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<td><em>Pneumocystis murina</em> †</td>
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<td>Proteus mirabilis</td>
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<td>Culture</td>
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<td>Pseudomonas spp.</td>
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<td>Staphylococcus aureus</td>
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<td>Streptococcus pneumoniae</td>
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<td>Culture</td>
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<th>Aug 12 '19</th>
<th>Previous 12 months</th>
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<td>Necropsy findings</td>
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All tests were performed by The Jackson Laboratory

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