# Test Results: #positive/#tested

<table>
<thead>
<tr>
<th>Organism</th>
<th>Sample Tested</th>
<th>Test Method</th>
<th>Frequency</th>
<th>Sep 23 ’19</th>
<th>Aug 12 ’19</th>
<th>Jul 1 ’19</th>
<th>May 20 ’19</th>
<th>Previous 12 months</th>
</tr>
</thead>
<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>
<td>0/18</td>
<td>0/18</td>
<td>0/18</td>
<td>0/19</td>
<td>0/171</td>
</tr>
<tr>
<td>GDVII (Theiler’s) virus</td>
<td>Serum</td>
<td>MFI</td>
<td>6 weeks</td>
<td>0/18</td>
<td>0/18</td>
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<tr>
<td>Hantaan virus</td>
<td>Serum</td>
<td>MFI</td>
<td>6 weeks</td>
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<td>0/18</td>
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<td>0/171</td>
</tr>
<tr>
<td>K virus</td>
<td>Serum</td>
<td>ELISA</td>
<td>annually</td>
<td>-</td>
<td>-</td>
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<td>0/19</td>
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<tr>
<td>LDH elevating virus (LDEV)</td>
<td>Serum</td>
<td>Enzyme</td>
<td>annually</td>
<td>-</td>
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<tr>
<td>Lymphocytic choriomeningitis (LCMV)</td>
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<td>0/171</td>
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<tr>
<td>Mouse adenovirus (MAV)</td>
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<td>MFI</td>
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<td>Mouse cytomegalovirus (MCMV)</td>
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<td>Mouse hepatitis virus (MHV)</td>
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<td>MFI</td>
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<td>Mouse minute virus (MMV)</td>
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<td>MFI</td>
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<td>0/171</td>
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<tr>
<td>Mouse parovirus (MPV)</td>
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<td>Mouse parovirus (MPV)†</td>
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<td>0/06</td>
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<td>0/63</td>
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<td>Mouse thymic virus (MTV)</td>
<td>Serum</td>
<td>IFA</td>
<td>quarterly</td>
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<td>Pneumonia virus of mice (PVM)</td>
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<td>MFI</td>
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<td>0/18</td>
<td>0/18</td>
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<td>Polyoma virus</td>
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<td>annually</td>
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<td>Reovirus 3 (REO 3)</td>
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<td>Rotavirus (EDIM)</td>
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<td>Sendai virus</td>
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<td>MFI</td>
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<td>0/171</td>
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<tr>
<td><strong>BACTERIA &amp; MYCOPLASMA</strong></td>
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<tr>
<td>Bordetella spp.</td>
<td>Oropharynx</td>
<td>Culture</td>
<td>6 weeks</td>
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<td>0/26</td>
<td>0/24</td>
<td>0/67</td>
<td>0/541</td>
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<tr>
<td>CAR bacillus</td>
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<td>MFI</td>
<td>6 weeks</td>
<td>0/18</td>
<td>0/18</td>
<td>0/18</td>
<td>0/19</td>
<td>0/171</td>
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<tr>
<td>Citrobacter rodentium</td>
<td>Intestine or feces</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/89</td>
<td>0/66</td>
<td>0/64</td>
<td>0/115</td>
<td>0/1341</td>
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<td>Clostridium piliforme</td>
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<td>ELISA</td>
<td>quarterly</td>
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<td>0/19</td>
<td>0/76</td>
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<td>Corynebacterium bovis</td>
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<td>0/34</td>
<td>0/30</td>
<td>0/75</td>
<td>0/595</td>
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<td>Corynebacterium kutscheri</td>
<td>Oropharynx</td>
<td>Culture</td>
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<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
<td>0/67</td>
<td>0/541</td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>Intestine or feces</td>
<td>PCR</td>
<td>6 weeks</td>
<td>0/06</td>
<td>0/06</td>
<td>0/18</td>
<td>0/06</td>
<td>0/54</td>
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<tr>
<td>Mycoplasma pulmonis</td>
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<td>MFI</td>
<td>6 weeks</td>
<td>0/18</td>
<td>0/18</td>
<td>0/18</td>
<td>0/19</td>
<td>0/171</td>
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<tr>
<td>Pasteurella spp.</td>
<td>Oropharynx</td>
<td>Culture</td>
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<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
<td>0/67</td>
<td>0/541</td>
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<tr>
<td>Salmonella spp.</td>
<td>Intestine or feces</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/89</td>
<td>0/66</td>
<td>0/64</td>
<td>0/115</td>
<td>0/1341</td>
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<tr>
<td>Streptococcus moniliformis</td>
<td>Oropharynx</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
<td>0/67</td>
<td>0/541</td>
</tr>
</tbody>
</table>

*Additional details regarding our health monitoring program and shipping policy.
†The indicated tests are only performed in rooms that house immunodeficient mice.
<table>
<thead>
<tr>
<th>Organism Sample Tested</th>
<th>Test Method</th>
<th>Frequency Sep 23 '19</th>
<th>Aug 12 '19</th>
<th>Jul 1 '19</th>
<th>May 20 '19</th>
<th>Previous 12 months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PARASITES &amp; PROTOZOA</strong></td>
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<tr>
<td><em>Encephalitozoon cuniculi</em></td>
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<td>MFI</td>
<td>6 weeks</td>
<td>0/18</td>
<td>0/18</td>
<td>0/18</td>
</tr>
<tr>
<td>Ectoparasites (fleas, lice, mites)</td>
<td>Fur</td>
<td>Visual</td>
<td>6 weeks</td>
<td>0/06</td>
<td>0/06</td>
<td>0/18</td>
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<tr>
<td>Endoparasites (tapeworms, pinworms, and other helminths)</td>
<td>Intestine or cecum</td>
<td>Visual</td>
<td>6 weeks</td>
<td>0/06</td>
<td>0/06</td>
<td>0/18</td>
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<tr>
<td>Follicle mites</td>
<td>Subcutis</td>
<td>Visual</td>
<td>6 weeks</td>
<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
</tr>
<tr>
<td>Opportunistic protozoa (e.g., <em>Giardia</em>, <em>Spironucleus</em>)</td>
<td>Intestine</td>
<td>Microscopy</td>
<td>6 weeks</td>
<td>0/06</td>
<td>0/06</td>
<td>0/18</td>
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<tr>
<td><strong>OPPORTUNISTIC ORGANISMS MONITORED (SHIPPING NOT STOPPED)</strong></td>
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<tr>
<td><em>Klebsiella pneumoniae</em></td>
<td>Oropharynx, intestine, or feces</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/89</td>
<td>0/66</td>
<td>0/64</td>
</tr>
<tr>
<td><em>Klebsiella</em> spp. other than <em>K. pneumoniae</em></td>
<td>Oropharynx, intestine, or feces</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/89</td>
<td>0/66</td>
<td>0/64</td>
</tr>
<tr>
<td>Nonpathogenic protozoa (e.g., <em>Trichomonads</em>)</td>
<td>Intestine</td>
<td>Microscopy</td>
<td>6 weeks</td>
<td>0/06</td>
<td>0/06</td>
<td>0/18</td>
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<tr>
<td><em>Pneumocystis murina</em> †</td>
<td>Lung</td>
<td>PCR</td>
<td>6 weeks</td>
<td>0/08</td>
<td>0/08</td>
<td>0/06</td>
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<tr>
<td><em>Proteus mirabilis</em></td>
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<td>Culture</td>
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<td>0/64</td>
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<tr>
<td><em>Pseudomonas</em> spp.</td>
<td>Intestine or feces</td>
<td>Culture</td>
<td>6 weeks</td>
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<td>0/64</td>
</tr>
<tr>
<td><em>Staphylococcus aureus</em></td>
<td>Oropharynx</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
</tr>
<tr>
<td><em>Streptococcus pneumoniae</em></td>
<td>Oropharynx</td>
<td>Culture</td>
<td>6 weeks</td>
<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
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<td>Beta-hemolytic <em>Streptococcus</em> spp. (non-group D)</td>
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<td>Culture</td>
<td>6 weeks</td>
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<table>
<thead>
<tr>
<th>Gross Pathology</th>
<th>Test Method</th>
<th>Frequency Sep 23 '19</th>
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<th>May 20 '19</th>
<th>Previous 12 months</th>
</tr>
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<tbody>
<tr>
<td>Necropsy findings</td>
<td>Exam, histopath</td>
<td>6 weeks</td>
<td>0/26</td>
<td>0/26</td>
<td>0/24</td>
<td>0/27</td>
</tr>
</tbody>
</table>

All tests were performed by The Jackson Laboratory.

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

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James R. Fahey, MS, PhD, DVM, DACVM
Chief of Diagnostic Services & Associate Director
Comparative Medicine & Quality

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