## HEALTH MONITORING REPORT (October 2009)

### Agents

<table>
<thead>
<tr>
<th>Strains &amp; Stocks</th>
<th>A11</th>
<th>A12</th>
<th>A13</th>
<th>A23</th>
<th>A24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strain</td>
<td>SIL/JCrIc(Crlj)</td>
<td>C57BL/Jc(Crlj)</td>
<td>C57Bl1/Jc(Crlj)</td>
<td>BALB/c-10N(Gd)(Crj)</td>
<td>CAsN.Cg-Foxn1+/+CrjCrlj</td>
</tr>
<tr>
<td>Type</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
</tr>
<tr>
<td>Technique</td>
<td>October 5 - 19</td>
<td>October 5 - 19</td>
<td>October 6 - 19</td>
<td>October 6 - 21</td>
<td>October 5 - 21</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Virus of mice</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Mouse Hepatitis</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Virus of mice</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Mouse Parvovirus</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Murine Norovirus</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Healthy Murine</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Reovirus</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Epizootic</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Disease</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>BACTERIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>bronchiseptica</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Actinobacillus</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>rodinovus</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Corynebacterium</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>kutscheri</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Pasteurella</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>pneumotropica</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Pseudomonas</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>aeruginosa</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>typhi</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Sputolactous</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>aureus</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Streptococcus</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td>pneumoniae</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Mycoplasma</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
</tr>
<tr>
<td>pneumoniae</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Paratuberculosis</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
<td>MFHA</td>
</tr>
<tr>
<td>(Tyzzer's Disease)</td>
<td>0/16</td>
<td>0/8</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
</tr>
<tr>
<td>Fungi and Protozoa</td>
<td>Direct Examination</td>
<td>Direct Examination</td>
<td>Direct Examination</td>
<td>Direct Examination</td>
<td>Direct Examination</td>
</tr>
</tbody>
</table>

### Monitor Frequency:
- (m) monthly
- (q) quarterly

### Remarks:
1. Sewage or immunocompromised animals from each colony
2. Not considered to specific pathogens for immunocompromised strains
3. Not tested strains or stocks; monitoring on parents or other strains in the area
4. Monitoring on both male and female mice

---

Tested by Charles River Laboratories Japan, Inc.
## HEALTH MONITORING REPORT (October 2009)

<table>
<thead>
<tr>
<th>Agents</th>
<th>A15</th>
<th>A21</th>
<th>A22</th>
<th>A25</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Salmonella typhimurium <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Rat Minute Virus <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Rat Parovirus <em>s</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Toxoplasma H-1 Virus <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Kitaham Rat Virus <em>t</em> (ms)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Reovirus <em>t</em> (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Corynebacterium kutscheri (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pasteurella pneumotropica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa <em>t</em> (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Salmonella spp. (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Strepptococcus pneumoniae (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Mycoplasma pneumoniae (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Clostridium piliforme (Tyzzer's Disease) <em>t</em> (m)</td>
<td>Lesion/MFIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites (m)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pinworms (m)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Gastrointestinal pathozoa (m)</td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
<td>0/8</td>
</tr>
</tbody>
</table>

**Tested by Charles River Laboratories Japan, Inc.**

**Remarks:**
1. Serology on immune competent animals from each colony.
2. Not considered as specific pathogens for immune competent strains.
### HEALTH MONITORING REPORT (October 2009)

**Country:** Japan  
**Location:** Hino Breeding Center  
**Printed date:** October 21, 2009

#### Species: MICE

<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>H12</th>
<th>H23</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus 1 (m)</td>
<td>Strains &amp; Stocks</td>
<td>CJ(i):CD1(ICR)</td>
<td>BALB/cAnNCaHICrj</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice 1 (m)</td>
<td></td>
<td>C57BL/6NCrj</td>
<td>DBA/2NCrj</td>
</tr>
<tr>
<td>Mouse Hepatitis Virus 1 (m)</td>
<td></td>
<td>C3HHeNcICrj</td>
<td></td>
</tr>
<tr>
<td>Minute Virus of Mice 1 (m)</td>
<td></td>
<td>B6C3F1Crj</td>
<td></td>
</tr>
<tr>
<td>Mouse Parvovirus (1 or 2) (m)</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Murine Norovirus 1 (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Theiler's Murine Encephalomyelitis Virus 1 (m)</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Reovirus 1 (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Epizootic Diarrhea of Infant Mice Virus 1 (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Citrobacter rodentium (m)</td>
<td>Culture</td>
<td>0/8</td>
<td>0/8</td>
</tr>
<tr>
<td>Corynebacterium kutscheri (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pasteurella pneumotropica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa 1 (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Salmonella spp. (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Streptococcus pneumoniae (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Mycoplasma pulmonis 1 (m)</td>
<td>MFIA</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Clostridium difficile (Tsutsui's Disease) 1 (m)</td>
<td>Lesions/MFIA</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites (m)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pinworms (m)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Gastrointestinal protozoa (m)</td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
</tr>
</tbody>
</table>

**Tested by Charles River Laboratories Japan, Inc.**

**Monitoring frequency:** (m) monthly, (q) quarterly

**Remarks:**
1. Serology on immunocompetent animals from each colony
2. Not considered as specific pathogens for immunocompetent strains
3. Not tested strain or stocks: monitoring on pancreas or other strains in the area

日本チャールス・リバー株式会社  
代表取締役社長、西尾 役務

Eichi Morimura, D.V.M.  
Quality Assurance Director

3/6
### HEALTH MONITORING REPORT (October 2009)

**Species:** RATS  
**Location:** Hino Breeding Center  
**Printed date:** October 21, 2009

**Agents**

<table>
<thead>
<tr>
<th></th>
<th>Area</th>
<th>H11</th>
<th>H13</th>
<th>H21</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strains &amp; Stocks</td>
<td>Ctrl:CD(SD)</td>
<td>Ctrl:WI(Ham)</td>
<td>LEW/Crl:Crj</td>
</tr>
<tr>
<td><strong>Technique</strong></td>
<td><strong>Test period</strong></td>
<td>October 15 - 21</td>
<td>October 15 - 21</td>
<td>October 15 - 21</td>
</tr>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Sendai Virus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Staphylococcus aureus Virus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Rat Minute Virus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Rat Parovirus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Toluken's H-1 Virus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Kihara Rat Virus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Reovirus ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Bordetella bronchiseptica (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Corynebacterium kutscheri (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pasteurella pneumotropica (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa ^2^ (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Salmonella spp. (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Streptococcus pneumoniae (m)</td>
<td></td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Mycoplasma pulmonis ^1^ (m)</td>
<td></td>
<td>MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Clostridium piliforme (Tyzzer's Disease) ^1^ (m)</td>
<td></td>
<td>Lesions/MFIA</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Ectoparasites (m)</td>
<td></td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Pinworms (m)</td>
<td></td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
</tr>
<tr>
<td>Gastrointestinal protozoa (m)</td>
<td></td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
</tr>
</tbody>
</table>

**Monitoring frequency:** (m) monthly, (q) quarterly

Remarks:  
1. Serology on immunocompetent animals from each colony.  
2. Not considered as specific pathogens for immunocompetent strains

---

 Tested by Charles River Laboratories Japan, Inc.

Eichi Morimura, D.V.M.  
Quality Assurance Director
**HEALTH MONITORING REPORT (October 2009)**

**Species: MICE**

<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>Strains &amp; Steaks</th>
<th>Technique</th>
<th>Test period</th>
<th>T12</th>
<th>T22</th>
<th>T23</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
<td>October 7 - 21</td>
<td>October 7 - 19</td>
<td>October 7 - 21</td>
<td></td>
</tr>
<tr>
<td>Sendai Virus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pneumonia Virus of Mice</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Hepatitis Virus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minute Virus of Mice</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Parovirus (1 or 2)</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muirae Norovirus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thielier’s Marine Encephalomyelitis Virus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reovirus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epizootic Diarrhea of Infant Mice Virus</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citrobacter rodentium</td>
<td>Culture</td>
<td>0/8</td>
<td>0/8</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corynbacterium kutscheri</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pasteurella pneumotropica</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Streptococcus pneumoniae</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mycoplasma pulmonis</td>
<td>MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clostridium perfringens (Tyzzer's Disease)</td>
<td>Lesion/MIA</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parasitism</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gastrointestinal protozoa</td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
<td>0/8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Monitoring frequency: (m) monthly, (q) quarterly

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1. Serology on immunocompetent animals from each colony
2. Not considered as specific pathogens for immunocompetent strains
3. Monitoring on both sexes and age mice
Note: JAX® is a registered trademark of The Jackson Laboratory. All rights reserved.

Printed date: October 21, 2009
Location: Tsukuba Breeding Center

Enrich Moormann, D.V.M.
Quality Assurance Director
<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>Strains  &amp; Stocks</th>
<th>T11</th>
<th>T21</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scapulai Virus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Pneumonia Virus of Mice 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Sialodacryoadenitis Virus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Rat Minnie Virus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Rat Parvovirus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Toxoplasma H-1 Virus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Kithan Rat Virus 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Bovine 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Corynebacterium kutscheri (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Pasteurella pneumotropica (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Pseudomonas aeruginoasa 1 (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Salmonella spp. (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Streptococcus pneumoniae (m)</td>
<td>Culture</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Mycoplasma pulmonis 1 (m)</td>
<td>MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Clostridium perfringens (Tyzzer’s Disease) 2 (m)</td>
<td>Lesions/MFA</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites (a)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Pinworms (m)</td>
<td>Direct Examination</td>
<td>0/16</td>
<td>0/16</td>
<td></td>
</tr>
<tr>
<td>Gastrointestinal protozoa (m)</td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
<td></td>
</tr>
</tbody>
</table>

Monitoring frequency: (m) monthly, (q) quarterly

Remarks:
1. Scanning of immunocompetent animals from each colony
2. Not considered as specific pathogens for immunocompetent studies

Printed date: October 21, 2009
Location: Tsukuba Breeding Center

Tested by Charles River Laboratories Japan, Inc.

[Signature]

Eichi Morimura, DVM,
Quality Assurance Director
### HEALTH MONITORING REPORT (September 2009)

<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>Isolator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strain &amp; Stocks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CB17/1cr-Pvk-+/2j/Crlj</td>
<td>JAX® Mice Strain NOD.CB17-Pvk-+/2j</td>
</tr>
<tr>
<td></td>
<td>Technique</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Test period</td>
<td></td>
</tr>
<tr>
<td></td>
<td>September 14 - 29</td>
<td>September 14 - 29</td>
</tr>
</tbody>
</table>

**Note:**
- Monitoring frequency: *Pneumocystis carinii* is tested quarterly.
- Samples were collected at Charles River Laboratories Japan and shipped to Charles River Laboratories for *Pneumocystis* PCR.

Tested by Charles River Research Animal Diagnostic Services

---

**Signatures:**
- Eiichi Morimura, D.V.M.
- Quality Assurance Director
**HEALTH MONITORING REPORT (October 2009)**

**Species:** MICE (Fecal Sample)

**Country:** Japan

<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>Isolator</th>
<th>Technique</th>
<th>Test period</th>
<th>Isolator</th>
<th>Technique</th>
<th>Test period</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACTERIA</td>
<td></td>
<td>CB17/ker-Pkd-c1/cPlCrj</td>
<td>Culture</td>
<td>October 19 - 22</td>
<td>JAX® Mice Strain NOD.CB17-Pkd-c1/cPlCrj (Sentincls)</td>
<td>Culture</td>
<td>October 19 - 22</td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>0/20</td>
<td>0/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citrobacter rodentium</td>
<td>Culture</td>
<td>0/20</td>
<td>0/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>Culture</td>
<td>0/20</td>
<td>0/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/20</td>
<td>0/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>Culture</td>
<td>0/20</td>
<td>0/24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Testing frequency:** Fecal samples of isolator-maintained animals are tested monthly.

---

Note: JAX® is a registered trademark of The Jackson Laboratory. All rights reserved.
お客様各位

評啓　秋涼の候、時下ますますご清栄の段、お慶び申し上げます。平素は格別お引き立てをいただき、厚く御礼申し上げます。

平成21年9月の微生物モニタリングにおいて、米国チャールス・リバー動物を送り実施しました Helicobacter のPCR試験において一部検体で試験の実施が確認できませんでした。以下に実施が確認できなかった試験の詳細および弊社の対応についてご説明させて頂きます。

お客様には大変ご迷惑をお掛けします事をお詫び致します。また、再発防止に努めてまいりますので、今後とも引き続き大いのご厚情を賜りたく、お願い申し上げます。

敬具

＜実施が確認できなかった試験について＞

平成21年9月3日発送日に米国チャールス・リバーへ送り行った微生物モニタリングにてA-11エリアのマウス（系統：NC/NgaTedCrlj）15検体のうち、7検体について Helicobacter のPCR試験3項目（Helicobacter spp., Helicobacter hepaticus, Helicobacter bilis）の実施が確認できませんでした。

Helicobacter のPCR試験については、通常2検体分の糞便を1検体にプールして実施しております。A-11エリアにおいては、8検体分の試験結果が出ていることから、サンプリングした15検体を使用して試験が実施され得た可能性が考えられます。しかしながら、米国チャールス・リバーに確認を行ったところ、糞便をプールして使用した記録がなく、7検体分に関しての試験実施を証明する事はできませんでした。※8検体のみの試験結果報告になっています。

一方、弊社では平成21年9月3日に国内で実施したA-11エリアの微生物モニタリングにおいて4週間以外のマウス16検体より糞便を採取しており、それらの検体を用いて Helicobacter のPCR試験を実施し、全ての検体が Helicobacter spp., Helicobacter hepaticus および Helicobacter bilis 陰性であった事を見認めております。

＜原因究明と今後の対策＞

米国チャールス・リバーでの試験において、プールした検体の記録を行わなかった事が原因と考えます。今後は米国チャールス・リバーへの検体記録の徹底を要請し、再発防止に努めてまいります。また、自社生産動物の微生物モニタリングへPCR試験を早期に導入し、試験開始から結果の確認およびお客様の報告を迅速に行える体制を整えて参ります。

以上
### Agents

<table>
<thead>
<tr>
<th>Species</th>
<th>Area</th>
<th>A11</th>
<th>A12</th>
<th>A13</th>
<th>A23</th>
<th>A24</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strains &amp; Stocks</td>
<td>Septicemia</td>
<td>Septicemia</td>
<td>Septicemia</td>
<td>Septicemia</td>
<td>Septicemia</td>
</tr>
<tr>
<td></td>
<td>Technique</td>
<td>Sept. 9 - 17</td>
<td>Sept. 9 - 25</td>
<td>Sept. 9 - 25</td>
<td>Sept. 9 - 25</td>
<td>Sept. 9 - 25</td>
</tr>
<tr>
<td>Agents</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>VIRUSES</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Sendai Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Hepatitis Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Minute Virus of Mice 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Parovirus (1 or 2) 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Thelavi's Marine Erythroblastosis Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Reovirus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Epizootic Diarrhea of Infant Mice Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Lympoblastic Choriomeningitis Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Astroviruses 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Adenovirus (1 or 2) 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Cytomegalovirus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Parovirus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Polyoma Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Hantan Virus 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mouse Borna Virus 1</td>
<td>IFA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>BACTERIA</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Streptococcus pyogenes</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Cysticercus bovis/tachetti</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Pasteurella pneumotropica</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td></td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Salmonella spp</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Streptococcus pneumoniae</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Sphingobacterium adsorbatum</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>β-Hemolytic Streptococcus spp. 1</td>
<td>Culture</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Helicobacter heilmannii</td>
<td>PCR</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Helicobacter felis</td>
<td>PCR</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>PCR</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Streptococcus mitis-mutans</td>
<td>PCR</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Mycobacterium avium subspecies paratuberculosis</td>
<td>PCR/MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Cryptosporidium pullorum (Tyzzer's Disease) 1</td>
<td>Leishman's/MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>CAR faecalis 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>PARASITES AND FUNGI</td>
<td>Direct Examination</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Entobacteria</td>
<td>Direct Examination</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Pinworms</td>
<td>Direct Examination</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Gastrointestinal protozoa</td>
<td>Direct Examination</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
<tr>
<td>Enterobacteriaceae 1</td>
<td>MFIA</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
<td>01/15</td>
</tr>
</tbody>
</table>

**Tested by Charles River Research Animal Diagnostic Services**

**Remark:**
1. Serology on immunocompetent animals from each colony
2. Not considered as specific pathogens for immunocompetent strains
3. Not tested strains or stocks; monitoring on parent or other strain in the area
4. Monitoring on normal mice

Printed date: October 22, 2009
Location: Atsugi Breeding Center

Country: Japan
### RADS HEALTH MONITORING REPORT (September 2009)

**Country:** Japan  
**Location:** Atsugi Breeding Center  
**Printed Date:** October 22, 2009

<table>
<thead>
<tr>
<th>Species: RATS</th>
<th>Area</th>
<th>A15</th>
<th>A21</th>
<th>A22</th>
<th>A25</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agents</strong></td>
<td>Strains &amp; Stocks</td>
<td>Technique</td>
<td>Test period</td>
<td>Strains &amp; Stocks</td>
<td>Technique</td>
</tr>
<tr>
<td><strong>Viruses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Sindbis Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Minute Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Parovirus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Toehan's H-1 Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Kihman Rat Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Reovirus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Lymphocytic Choriomeningitis</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Mouse Adenovirus (1 or 2)</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Hantaan Virus</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td><strong>Bacteria</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Corynebacterium kutscheri</td>
<td>Culture</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Pasteurella pneumotropica</td>
<td>Culture</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptococcus pneumoniae</td>
<td>PCR</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter hepaticus</td>
<td>PCR</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter biles</td>
<td>PCR</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>PCR</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptococcus mitis</td>
<td>PCR</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Mycoplasma galliseptum</td>
<td>PCR/MAFA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Clastidium piliformes (Tyzzer's Disease)</td>
<td>PCR/MAFA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>CAR bacilka</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td><strong>Parasites and Fungi</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites</td>
<td>Direct Examination</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Pinworms</td>
<td>Direct Examination</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Gastrintestinal protozoa</td>
<td>Direct Examination</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Encephalitozoon cuniculi</td>
<td>MFIA</td>
<td>September 9 - 18</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
</tbody>
</table>

Animals were shipped to Charles River Laboratories on September 8, 2009.

**Remarks:**
1. Serology on inapparent animals from each colony.
2. Not tested in strains or stocks, monitoring on percent or other strains in the area.
<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>Strains &amp; Stocks</th>
<th>Technique</th>
<th>Test period</th>
<th>H12</th>
<th>H23</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIRUSES</td>
<td></td>
<td></td>
<td></td>
<td>September 17 - 28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pneumonia Virus of Mice</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Hepatitis Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minute Virus of Mice</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Parvovirus (1 or 2)</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tularaena Leptospira Cellulitis Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reovirus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epizootic Diarrea of Infant Mouse Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Lyssavirus Coronavirus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Eucarcinovirus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Adenovirus (1 or 2)</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Cytomegalovirus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Pneumocystis Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyoma Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hantaan Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse Thymus Virus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BACTERIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citrobacter rodentium</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corynebacterium kutscheri</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pasteurella pseudotuberculosis</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Streptococcus pyogenes</td>
<td>Culture</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helicobacter hepatisus</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helicobacter bilis</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Streptococcus annihilator</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mycoplasma pulmonis</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clostridium piliforme (Tyzzer’s Disease)</td>
<td>PCR</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>CAR bacillus</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PARASITES AND FUNGI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Enteroparasites</td>
<td>Direct Examination</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pinworms</td>
<td>Direct Examination</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gastrointestinal protozoans</td>
<td>Direct Examination</td>
<td>0/8</td>
<td></td>
<td>0/8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encephalitozoon cuniculi</td>
<td>MFI A</td>
<td>0/15</td>
<td></td>
<td>0/15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on September 16, 2009.

Remarks:
1: Serology on in-house competent animals from each colony
2: Not tested strains or stocks; monitoring on parents or other strains in the area

日本チャールズ・リバー株式会社
代表取締役社長：近尾健雄

Erich Morinura, D.V.M.
Quality Assurance Director

3/8
<table>
<thead>
<tr>
<th>Agents</th>
<th>Strains &amp; Stocks</th>
<th>H11</th>
<th>H13</th>
<th>H21</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Pneumovirus of Mice</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Sialodacryoadenitis Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Leukemia Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Parvovirus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Toxoplasmosis gondii Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Kilham Rat Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Reovirus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Lymphocytic Choriomeningitis Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Mous Adenovirus (1 or 2)</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Hantana Virus</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Corynebacterium kutscheri</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Pasteurella pneumorotica</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptococcus pneumonia</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter hepaticus</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter bilis</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptococcus monticola</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Mycoplasma pneumonia</td>
<td>PCR/MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Clostridium difficile (Tyzzer's Disease)</td>
<td>PCR/MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>CAK bacterium</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ectoparasites</td>
<td>Direct Examination</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Protozoans</td>
<td>Direct Examination</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
<tr>
<td>Gastrointestinal protozoa</td>
<td>Direct Examination</td>
<td>0/8</td>
<td>0/8</td>
<td>0/8</td>
</tr>
<tr>
<td>Encephalitozone caninum</td>
<td>MFI1</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
</tr>
</tbody>
</table>

*Animals were shipped to Charles River Laboratories on September 16, 2009.*

*Remarks: 1: Serology on immunocompetent animals from each colony.
2: Not tested strains or stocks, monitoring on pecans or other strains in the area.*
<table>
<thead>
<tr>
<th>Agents</th>
<th>Area</th>
<th>T12 Strains</th>
<th>T22 JAX® Mice Strain B6.Cg-Lpr/J</th>
<th>T23 JAX® Mice Strain BKS.Cg-Don+/- Lepr+/+</th>
<th>T23 CAnN.Cg-Fasl+/KcIr+/-</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIRUSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Pneumonia Virus of Mice</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Hepatitis Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Virus of B10A</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Parovirus (1 or 2)</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Thiel's Marburg Encephalomyelitis Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Rabies Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Epizootic Diarrhea of Infant Mice Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Lymphocytic Choriomeningitis Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Ectromelia Virus 1</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Adenovirus (1 or 2)</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Cytomegalovirus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Parapoxvirus 1</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Pegaso Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Hantavirus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Mouse Type C Virus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td><strong>BACTERIA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Histoplasma capsulatum</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Citrobacter rodentium</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Corynebacterium kutscheri</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Pasteurella pneumotropica</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Pasteurella aegypti</td>
<td>Culture</td>
<td>0/15</td>
<td>-</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Streptococcus pneumonia</td>
<td>Culture</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>Culture</td>
<td>0/15</td>
<td>-</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>β - Hemolytic Streptococcus spp.</td>
<td>Culture</td>
<td>0/15</td>
<td>-</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Helicobacter pylori</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Helicobacter belli</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Helicobacter sp.</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Streptococcus sordellae</td>
<td>PCR</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Micrococcus paludosus</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Chlamydia phipae (Typhus's Disease)</td>
<td>Lesion/IFA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>CAR builis</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td><strong>PARASITES AND FUNGI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxoplasma</td>
<td>Direct Examination</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Planococcus</td>
<td>Direct Examination</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Gastronomic protozoa</td>
<td>Direct Examination</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
<tr>
<td>Leptospira canicola</td>
<td>MFIA</td>
<td>0/15</td>
<td>0/15</td>
<td>0/15</td>
<td></td>
</tr>
</tbody>
</table>

Animals were shipped to Charles River Laboratories on September 16, 2009.

Remarks:
1. Serology on immunocompetent animals from each colony.
2. Not considered as specific pathogens for immunocompetent strains.
3. Tissue checked for viruses in spleen or other tissues in the area.
4. Monitoring on MF1 mice.

Note: JAX® is a registered trademark of The Jackson Laboratory. All rights reserved.

Tested by Charles River Research Animal Diagnostic Services

Eichi Morinuma, D.V.M.  
Quality Assurance Director
### RADS HEALTH MONITORING REPORT (September 2009)

**Species:** RATS  
**Location:** Tsukuba Breeding Center  
**Printed date:** October 22, 2009

#### Agents

<table>
<thead>
<tr>
<th></th>
<th>T11</th>
<th>T21</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Orient criteria</td>
<td>Orient criteria</td>
</tr>
<tr>
<td></td>
<td>Culture</td>
<td>Culture</td>
</tr>
<tr>
<td></td>
<td>PCR</td>
<td>PCR</td>
</tr>
<tr>
<td></td>
<td>FCR/MAFIA</td>
<td>FCR/MAFIA</td>
</tr>
<tr>
<td></td>
<td>Leptospirosis serovar hardwickei</td>
<td>Leptospirosis serovar hardwickei</td>
</tr>
<tr>
<td></td>
<td>MFI A</td>
<td>MFI A</td>
</tr>
<tr>
<td>VIRUSES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sendai Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Pneumonia Virus of Mice 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Jakeladecytheruskyo Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Minute Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Rat Parvovirus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Toolan's H-1 Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Kilham Rat Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Reovirus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Lymphocytic Choriomeningitis Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Mouse Adenovirus (1 or 2) 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>Hantaan Virus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>BACTERIA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordetella bronchiseptica</td>
<td>Culture</td>
<td>0/15</td>
</tr>
<tr>
<td>Coxiella burnetii</td>
<td>Culture</td>
<td>0/15</td>
</tr>
<tr>
<td>Pasteurella pneumotropica</td>
<td>Culture</td>
<td>0/15</td>
</tr>
<tr>
<td>Salmonella spp.</td>
<td>Culture</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptococcus pneumoniae</td>
<td>Culture</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter hepaticus</td>
<td>PCR</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter bilis</td>
<td>PCR</td>
<td>0/15</td>
</tr>
<tr>
<td>Helicobacter spp.</td>
<td>PCR</td>
<td>0/15</td>
</tr>
<tr>
<td>Streptobacillus moniliformis</td>
<td>PCR</td>
<td>0/15</td>
</tr>
<tr>
<td>Mycoplasma pulmonis 1</td>
<td>FCR/MAFIA</td>
<td>0/15</td>
</tr>
<tr>
<td>Clostridium perfringens (Tyzzer's Disease) 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>CAR bacillus 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
<tr>
<td>PARASITES AND FUNGI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enterobacteria</td>
<td>Direct Examination</td>
<td>0/15</td>
</tr>
<tr>
<td>Pinworms</td>
<td>Direct Examination</td>
<td>0/15</td>
</tr>
<tr>
<td>Gastrointestinal parasites</td>
<td>Direct Examination</td>
<td>0/8</td>
</tr>
<tr>
<td>Strongyloides stercoralis 1</td>
<td>MFI A</td>
<td>0/15</td>
</tr>
</tbody>
</table>

**Tested by Charles River Research Animal Diagnostic Services**

Animals were shipped to Charles River Laboratories on September 16, 2009.

**Remarks:**
1. Serology on immunocompetent animals from each colony.
2. Not tested strains or stocks; monitoring on parents or other strains in the area.

**Signed by:**
Eiichi Morishita, D.V.M.
Quality Assurance Director
**Species:** MICE  

**Country:** Japan  

**RADs Health Monitoring Report (September 2009)**

<table>
<thead>
<tr>
<th>Areas &amp; Stocks</th>
<th>A12</th>
<th>A24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strains</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technique</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test period</td>
<td>September 9 - 18</td>
<td>September 9 - 22</td>
</tr>
</tbody>
</table>

**Parasites and Fungi**

<table>
<thead>
<tr>
<th>Parasites</th>
<th>Technique</th>
<th>Test frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumocystis carinii</td>
<td>PCR</td>
<td>0/5</td>
</tr>
</tbody>
</table>

Monitoring frequency: *Pneumocystis carinii* is tested quarterly.

Animals were shipped to Charles River Laboratories on September 8, 2009.

**Tested by Charles River Research Animal Diagnostic Services**

---

**Remarks:**

1. Not tested strains or stocks, monitoring on parents or other strains in the area.
2. Monitoring on naive mice.

---

**Signature:**

Eichi Morimoto, D.V.M.  
Quality Assurance Director
## PARASITES AND FUNGI

**Parasites:** *Pneumocystis carinii*

<table>
<thead>
<tr>
<th>Agents</th>
<th>Strains &amp; Stocks</th>
<th>Technique</th>
<th>T23</th>
<th>Test period</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>P. carinii</em></td>
<td>PCR</td>
<td></td>
<td>CAuN.Cg-FS0411/G(prC)</td>
<td>September 17 - 25</td>
</tr>
</tbody>
</table>

**Remarks:** 1. Monitoring on adult mice

---

Tested by Charles River Research Animal Diagnostic Services

---

Eiichi Morimura, DVM, Quality Assurance Director