

# Microbiological monitoring report

Wing: A Wing  
 Animal species: Mouse  
 Area: A, B, C and D  
 Date of examination: 2020/2/17, 18  
 Sentinels (Strain/Age/Sex/No. Anim): ICR / 18w~ / female / 3 heads

| Organisms                        | Methods          | Materials           |                   |     |                   |     |     |     |     |     |     |     |     |     |     |     |     |                   |                   |     |     |  |
|----------------------------------|------------------|---------------------|-------------------|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-------------------|-----|-----|--|
|                                  |                  |                     | A-1 <sup>*3</sup> | A-2 | A-3 <sup>*3</sup> | A-4 | B-1 | B-2 | B-3 | B-4 | B-5 | C-1 | C-2 | C-3 | C-4 | C-5 | D-1 | D-2 <sup>*3</sup> | D-3 <sup>*3</sup> | D-4 | D-5 |  |
| Sendai virus                     | ELISA            | Serum               | 0/3 <sup>*1</sup> | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| Mouse hepatitis virus            | ELISA            | Serum               | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| LCM virus                        | IFA              | Serum               | NT <sup>*2</sup>  | NT  | NT                | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT                | NT                | NT  | NT  |  |
| Ectromelia virus                 | ELISA            | Serum               | NT                | NT  | NT                | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT                | NT                | NT  | NT  |  |
| <i>Mycoplasma pulmonis</i>       | ELISA            | Serum               | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Clostridium piliforme</i>     | ELISA            | Serum               | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Pasteurella pneumotropica</i> | Culture          | Trachea/conjunctiva | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Corynebacterium kutscheri</i> | Culture          | Trachea/conjunctiva | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Salmonella</i> spp.           | Culture          | Cecal contents      | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Citrobacter rodentium</i>     | Culture          | Cecal contents      | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Helicobacter hepaticus</i>    | PCR              | Cecum(pooled)       | NT                | NT  | NT                | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT                | NT                | NT  | NT  |  |
| <i>Helicobacter bilis</i>        | PCR              | Cecum(pooled)       | NT                | NT  | NT                | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT  | NT                | NT                | NT  | NT  |  |
| Ectoparasites                    | Microscopic test | Fur                 | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Spirochloa muris</i>          | Microscopic test | Duodenal contents   | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Giardia muris</i>             | Microscopic test | Duodenal contents   | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Syphacia</i> spp.             | Microscopic test | Anus                | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |
| <i>Aspiculuris tetraptera</i>    | Microscopic test | Colonic contents    | 0/3               | 0/3 | 0/3               | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3 | 0/3               | 0/3               | 0/3 | 0/3 |  |

Notes: <sup>\*1</sup> No. positive / No. examined, <sup>\*2</sup> NT = Not tested, <sup>\*3</sup> Multiple whitish hepatic foci (<1mm in diameter) was observed one mouse. The mouse was negative for *Helicobacter hepaticus* and *Helicobacter bilis* by PCR