

Microbiological monitoring report

Wing: A Wing
Animal species : Mouse
Area: F-7
UP-DATE : 2020/8/4
Sentinels (Strain/Age/Sex/No. Anim): ICR /29w~ / female / 3 heads

Report Results

| Serology | Date examined | | | |
|---|---------------|-----------|-------------|--------------|
| | 15-Oct-19 | 14-Jan-20 | 21-Apr-20 | 14-Jul-20 *3 |
| >ELISA | | | | |
| Sendai virus | 0 / 3*1 | 0 / 3 | 0 / 3 | 0 / 3 |
| Mouse hepatitis virus (MHV) | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| Lymphocytic choriomeningitis virus (LCMV) | NT*2 | NT | 0 / 3 (IFA) | NT |
| Ectromelia virus | NT | NT | 0 / 3 | NT |
| <i>Mycoplasma pulmonis</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| <i>Clostridium piliforme</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| Bacteriology | | | | |
| >Tracheal swab culture | | | | |
| <i>Pasteurella pneumotropica</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| <i>Corynebacterium kutscheri</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| >Cecal contents culture | | | | |
| <i>Salmonella spp.</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| <i>Citrobacter rodentium</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| >Cecum PCR (pooled) | | | | |
| <i>Helicobacter hepaticus</i> | NT | NT | 0 / 3 | NT |
| <i>Helicobacter bilis</i> | NT | NT | 0 / 3 | NT |
| Parasitology | | | | |
| >Ectoparasites | | | | |
| Fur mites | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| >Endoparasites | | | | |
| Protozoa: <i>Spiroucleus muris</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| <i>Giardia muris</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| Helminth: <i>Syphacia spp. (Pinworms)</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |
| <i>Aspiculuris tetraptera (Pinworms)</i> | 0 / 3 | 0 / 3 | 0 / 3 | 0 / 3 |

Notes: *1 No. positive / No. examined, *2 NT = Not tested
*3 Multiple whitish hepatic foci (<2mm in diameter) was observed one mouse. As for the mouse, *Helicobacter spp.* was detected, but was not *H. hepaticus* and *H. bilis* by PCR.