



# Animal Health Monitoring Report

Barrier Area: **2 (Mouse)**

Date report issued: **05-Jan-22**

**ORGANISMS MONITORED AND EXCLUDED:**

**Viruses**

Mouse Hepatitis Virus  
 Minute Virus of Mice  
 Mouse Parvovirus  
 Murine Rotavirus (EDIM)  
 Mouse Norovirus  
 Theiler's Encephalomyelitis Virus  
 Pneumonia Virus of Mice  
 Murine Cytomegalovirus  
 Sendai Virus  
 Mouse Adenovirus Type 1 & 2  
 Lymphocytic Choriomeningitis Virus  
 Hantaan (Korean Haemorrhagic Fever)  
 Ectromelia (Mousepox) Virus  
 Reovirus -3  
 Polyoma Virus  
 K Virus  
 Lactate Dehydrogenase Elevating Virus  
 Mouse Thymic Virus

**Bacteria and Fungi**

*CAR bacillus*  
*Clostridium piliforme*  
*Mycoplasma pulmonis*  
*Helicobacter* spp.\*  
*Streptococcus pneumoniae*  
*Pasteurella pneumotropica*  
*Salmonella* spp.  
*Bordetella bronchiseptica*  
*Corynebacterium kutscheri*  
*Streptobacillus moniliformis*  
*Pneumocystis murina*

**Parasites and Protozoa**

Arthropods (Fur mites, lice, fleas)  
 Nematodes (pinworms)  
 Cestodes  
 Protozoa: *Giardia muris*, *Spironucleus muris*, *Tritrichomonas muris*,  
*Entamoeba muris*  
*Encephalitozoon cuniculi*

**ORGANISMS MONITORED BUT NOT EXCLUDED:**

*Staphylococcus aureus*<sup>1</sup>  
*Streptococcus* sp. beta hemolytic Groups A, B, C or G  
*Klebsiella oxytoca*  
*Klebsiella pneumoniae*  
*Citrobacter rodentium*  
*Pseudomonas aeruginosa*  
 Mouse Kidney Parvovirus<sup>2</sup>

| Mouse          |         |                |                |                   |  |
|----------------|---------|----------------|----------------|-------------------|--|
| Last Test Date | Results | Past 18 Months | Testing method | Testing frequency |  |
| 09-Dec-21      | 0 / 2   | 0 / 110        | EH             | m                 |  |
| 09-Dec-21      | 0 / 2   | 0 / 110        | EH             | m                 |  |
| 09-Dec-21      | 0 / 2   | 0 / 110        | EH             | m                 |  |
| 09-Dec-21      | 0 / 2   | 0 / 110        | EH             | m                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 2   | 0 / 20         | E              | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | H              | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | DH             | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | DH             | q                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | CH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | DH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | DH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | DH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 82         | BH             | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | FGH            | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | FGH            | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | FH             | q                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | E              | a                 |  |
| 15-Oct-21      | 0 / 10  | 42 / 84        | DH             | q                 |  |
| 15-Oct-21      | 0 / 10  | 0 / 84         | DH             | q                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | CH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | CH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | CH             | a                 |  |
| 13-Jan-21      | 0 / 4   | 0 / 4          | CH             | a                 |  |
| 23-Apr-21      | 0 / 10  | 2 / 34         | H              | a                 |  |

**Notes:**

<sup>1</sup> *Staphylococcus aureus* is an opportunistic agent. Finding *S.aureus* as a component of the normal flora of a healthy laboratory rodent is of minimal significance. Generally, colonisation of a healthy, asymptomatic animal with *S.aureus* does not affect its suitability for use in research, surgery or teaching.

<sup>2</sup> Mouse Kidney Parvovirus (MKPV) has been detected in some mice within Area 2 (Custom Strains). For more information on MKPV within Custom Strains animals, please contact our Custom Strains Team Leader directly at customstrains-mbox@arc.wa.gov.au or (08) 9332 5033.

\* *Helicobacter* species tested includes *H.hepaticus*, *H.bilis*, *H.rodentium*, *H.ganmani*, *H.mastomyrinus* and *H.typhlonius*.

**Testing methods:**

A, Gross Pathology/histopathology. B, Pelt examination. C, Bacterial selective culture intestine. D, Bacterial selective culture respiratory tract/oropharynx. E, Serology ELISA/MFI/IFA. F, Microscopy intestine. G, Faecal flotation. H, Polymerase chain reaction assay. I, Dermatophyte culture. J, General bacterial culture any site.

**Minimum testing frequency:** m= monthly. q= quarterly. ta= triannual. a= annually.

Results are presented as the no. positive results / no. animals tested on the date listed.

NT = Not Tested (not a recognised pathogen in this species) For details of testing program see [www.arc.wa.gov.au](http://www.arc.wa.gov.au)

Area populated: Transferred into Area 2 on 2 December 2021  
 Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager