



Animal Health Monitoring Report

Barrier Area: **4b (Rat)**

Date report issued: **09-Mar-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Pneumonia Virus of Mice
Rat Theilovirus
Sendai Virus
Mouse Adenovirus Type 1 & 2
Sialodacryoadenitis/ Rat Corona Virus
Rat Parvoviruses (RPV, RMV, KRV, H1)**
Lymphocytic Choriomeningitis Virus
Hantaan (Korean Haemorrhagic Fever)
Reovirus -3
Rat Rotavirus

Bacteria and Fungi

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

Parasites and Protozoa

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

ORGANISMS MONITORED BUT NOT EXCLUDED:

Pneumocystis carinii
*Staphylococcus aureus*¹
Streptococcus sp. beta hemolytic Groups A, B or C
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa

| Last Test Date | Rat | | Testing method | Testing frequency |
|----------------|---------|----------------|----------------|-------------------|
| | Results | Past 18 Months | | |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 22 | E | a |
| 08-Feb-22 | 0 / 8 | 0 / 22 | E | a |
| 08-Feb-22 | 0 / 8 | 0 / 22 | E | a |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 132 | H | q |
| 08-Feb-22 | 0 / 8 | 0 / 132 | DH | q |
| 08-Feb-22 | 0 / 8 | 0 / 132 | DH | q |
| 08-Feb-22 | 0 / 8 | 0 / 72 | CH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | DH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | DH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | DH | a |
| 08-Feb-22 | 0 / 4 | 0 / 125 | BH | q |
| 08-Feb-22 | 0 / 4 | 0 / 128 | FGH | q |
| 08-Feb-22 | 0 / 4 | 0 / 128 | FGH | q |
| 08-Feb-22 | 0 / 4 | 0 / 128 | FH | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | E | q |
| 08-Feb-22 | 0 / 8 | 0 / 34 | HE | q |
| 08-Feb-22 | 8 / 8 | 18 / 132 | DH | q |
| 08-Feb-22 | 0 / 8 | 0 / 132 | DH | q |
| 08-Feb-22 | 0 / 8 | 0 / 72 | CH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | CH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | CH | a |
| 08-Feb-22 | 0 / 8 | 0 / 72 | CH | a |

Notes:

¹ This agent is an opportunistic agent. Finding it as a component of the normal flora of a healthy laboratory rodent is of minimal significance. Generally, colonisation of a healthy, asymptomatic animal with this agent does not affect its suitability for use in research, surgery or teaching. Samples are pooled PCR. For more information, please contact Animal Resources Centre + 61 8 9332 5033

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

** Rat parvoviruses tested include PRV, RMV, KRV and H1. RPV = Rat parvovirus RMV = Rat minute virus KRV = Kilham rat virus H1= Toolhan's H1 virus

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 on pooled samples. 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

Area populated: 04-Nov-20

For strains in area refer to www.arc.wa.gov.au → Quick Links → Strain Location Health Report → ARC Strains held in each Production Area

Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager