



Animal Health Monitoring Report

Barrier Area: 4a (Rat)

Date report issued: 12-Aug-21

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 & 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*, *Spiroplasma muris*, *Tritrichomonas muris*, *Entamoeba muris*
Encephalitozoon cuniculi

ORGANISMS MONITORED BUT NOT EXCLUDED:

*Pneumocystis carinii*¹
*Staphylococcus aureus*²
Streptococcus sp. beta hemolytic Groups A, B, C and G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa

Last Test Date	Results	Rat		Testing method	Testing frequency
		Past 18 Months			
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
13-Jan-21	0 / 2	0 / 2		E	a
13-Jan-21	0 / 2	0 / 2		E	a
13-Jan-21	0 / 2	0 / 2		E	a
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 10	0 / 52		H	q
12-Jul-21	0 / 10	0 / 52		DH	q
12-Jul-21	0 / 10	0 / 52		DH	q
13-Jan-21	0 / 2	0 / 2		CH	a
13-Jan-21	0 / 2	0 / 2		DH	a
13-Jan-21	0 / 2	0 / 2		DH	a
12-Jul-21	0 / 10	0 / 51		BH	q
12-Jul-21	0 / 10	0 / 52		FGH	q
12-Jul-21	0 / 10	0 / 52		FGH	q
12-Jul-21	0 / 10	0 / 52		FH	q
12-Jul-21	0 / 2	0 / 12		E	q
12-Jul-21	0 / 2	9 / 12		E	q
12-Jul-21	10 / 10	42 / 52		DH	q
12-Jul-21	0 / 10	0 / 52		DH	q
13-Jan-21	0 / 2	0 / 2		CH	a
13-Jan-21	0 / 2	0 / 2		CH	a
13-Jan-21	0 / 2	0 / 2		CH	a
13-Jan-21	0 / 2	0 / 2		CH	a

Notes:

¹ For any queries about *Pneumocystis carinii*, please contact Animal Resources Centre Email: info@arc.wa.gov.au Phone: +61 8 9332 5033

² *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.

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

** Rat parvoviruses tested include RPV, RMV, KRV and H1. RPV = Rat parvovirus RMV = Rat minute virus KRV = Killham 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/MF/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

Area populated: Transferred into Area 4a on 10 January 2019

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