



Animal Health Monitoring Report

Barrier Area: 2 (Rat)

Date report issued: 06-Aug-20

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*, *Spironucleus muris*, *Tritrichomonas muris*, *Entamoeba muris*
Encephalitozoon cuniculi

ORGANISMS MONITORED BUT NOT EXCLUDED:

*Pneumocystis carinii*²
*Staphylococcus aureus*¹
Streptococcus sp. beta hemolytic Groups A, B or C¹
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa

Rat					
Last Test Date	Results	Past 18 Months		Testing method	Testing frequency
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
14-Jan-20	0 / 14	0 / 14		E	a
14-Jan-20	0 / 14	0 / 14		E	a
14-Jan-20	0 / 14	0 / 14		E	a
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	0 / 80	0 / 364		H	q
23-Jul-20	0 / 80	0 / 364		DH	q
23-Jul-20	0 / 80	0 / 364		DH	q
14-Jan-20	0 / 14	0 / 14		CH	a
14-Jan-20	0 / 14	0 / 14		DH	a
14-Jan-20	0 / 14	0 / 14		DH	a
14-Jan-20	0 / 14	0 / 14		DH	a
23-Jul-20	0 / 80	0 / 357		BH	q
23-Jul-20	0 / 80	0 / 364		FGH	q
23-Jul-20	0 / 80	0 / 364		FGH	q
23-Jul-20	0 / 80	0 / 364		FH	q
23-Jul-20	0 / 16	0 / 84		E	q
23-Jul-20	12 / 16	47 / 84		HE	q
23-Jul-20	60 / 80	302 / 364		DH	q
23-Jul-20	0 / 80	10 / 364		DH	q
14-Jan-20	0 / 14	0 / 14		CH	a
14-Jan-20	0 / 14	0 / 14		CH	a
14-Jan-20	0 / 14	0 / 14		CH	a
14-Jan-20	0 / 14	0 / 14		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

² For any queries about *Pneumocystis carinii*, 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 RPV, 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: June 2017

For strains in each area, please refer to www.arc.wa.gov.au → Quick Links → Strain Location Health Report

Report reviewed by: Dr. Lydia Pethick, BSc BVMS MANZCVS (Laboratory Animals), Director of Veterinary Services and Quality Control