



# Animal Health Monitoring Report

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

Date report issued: **22-Dec-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 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*  
*Staphylococcus aureus*<sup>1</sup>  
*Streptococcus* sp. beta hemolytic Groups A, B or C  
*Klebsiella oxytoca*  
*Klebsiella pneumoniae*  
*Citrobacter rodentium*  
*Pseudomonas aeruginosa*

Last Test Date	Results	Rat		Testing method	Testing frequency
		Past 18 Months			
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
08-Feb-21	0 / 2	0 / 14		E	a
08-Feb-21	0 / 2	0 / 14		E	a
08-Feb-21	0 / 2	0 / 14		E	a
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 20	0 / 124		H	q
11-Nov-21	0 / 20	0 / 124		DH	q
11-Nov-21	0 / 20	0 / 124		DH	q
08-Feb-21	0 / 4	0 / 64		CH	a
08-Feb-21	0 / 4	0 / 64		DH	a
08-Feb-21	0 / 4	0 / 64		DH	a
08-Feb-21	0 / 4	0 / 64		DH	a
11-Nov-21	0 / 20	0 / 121		BH	q
11-Nov-21	0 / 20	0 / 124		FGH	q
11-Nov-21	0 / 20	0 / 124		FGH	q
11-Nov-21	0 / 20	0 / 124		FH	q
11-Nov-21	0 / 4	0 / 26		E	q
11-Nov-21	0 / 4	0 / 26		HE	q
11-Nov-21	10 / 20	10 / 124		DH	q
11-Nov-21	0 / 20	0 / 124		DH	q
08-Feb-21	0 / 4	0 / 64		CH	a
08-Feb-21	0 / 4	0 / 64		CH	a
08-Feb-21	0 / 4	0 / 64		CH	a
08-Feb-21	0 / 4	0 / 64		CH	a

### Notes:

<sup>1</sup> 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](http://www.arc.wa.gov.au)

Area populated: 04-Nov-20

For strains in area refer to [www.arc.wa.gov.au](http://www.arc.wa.gov.au) → Quick Links → Strain Location Health Report → ARC Strains held in each Production Area

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