

Health monitoring report

In accordance with FELASA recommendations¹.

Species: *Rattus norvegicus*
Unit: Standard SPF facility
Date of report issue: 08/12-2023

Strain: -
Room: K46
Next testing: May 2024

Target organism	Test frequency	Date, latest results	Latest results	Historical results	Test method
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Viruses

Haantan Virus	6 months	08/12-2023	0/4	0/35	PCR (filter)
Kilham's Rat Virus (KRV)	6 months	08/12-2023	0/4	0/38	PCR (filter)
Mouse Adenovirus 1 (MAV1, FL)	6 months	08/12-2023	0/4	0/35	PCR (filter)
Mouse Adenovirus 2 (MAV2, K87)	6 months	08/12-2023	0/4	0/35	PCR (filter)
Pneumonia Virus of Mice (PVM)	6 months	08/12-2023	0/4	0/38	PCR (filter)
Rat Coronavirus/ Sialodacryo-adenitis Virus (RCV/SDAV)	6 months	08/12-2023	0/4	0/38	PCR (filter)
Rat Minute Virus (RMV)	6 months	08/12-2023	0/4	0/38	PCR (filter)
Rat Parvovirus (RPV)	6 months	08/12-2023	0/4	0/38	PCR (filter)
Reovirus type 3 (REO3)	6 months	08/12-2023	0/4	0/35	PCR (filter)
Sendai virus	6 months	08/12-2023	0/4	0/35	PCR (filter)
Seoul virus (SEOV)	6 months	08/12-2023	0/4	0/13	PCR (filter)
Theilo virusus (RTV)	6 months	08/12-2023	0/4	0/16	PCR (filter)
Toolan's H-1 virus (H1)	6 months	08/12-2023	0/4	0/35	PCR (filter)

Bacteria and mycoplasma

Bordetella bronchiseptica	6 months	08/12-2023	0/4	0/27	PCR (filter)
Clostridium piliforme	6 months	08/12-2023	0/4	0/38	PCR (filter)
Corynebacterium kutscheri	6 months	08/12-2023	0/4	0/32	PCR (filter)
Filobacterium rodentium (CAR bacillus)	6 months	08/12-2023	0/4	0/35	PCR (filter)
Helicobacter spp.	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter bilis	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter ganmani	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter hepaticus	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter mastomyrinus	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter rodentium	6 months	08/12-2023	0/4	0/32	PCR (filter)
Helicobacter typhlonius	6 months	08/12-2023	0/4	0/32	PCR (filter)
Mycoplasma pulmonis	6 months	08/12-2023	0/4	0/38	PCR (filter)
Rodentibacter heyltii	6 months	08/12-2023	0/4	1/32	PCR (filter)
Rodentibacter pneumotropicus	6 months	08/12-2023	0/4	0/32	PCR (filter)
Pneumocystis carinii	6 months	08/12-2023	0/4	0/35	PCR (filter)
Pseudomonas aeruginosa	6 months	08/12-2023	0/4	0/27	PCR (filter)
Salmonella spp.	6 months	08/12-2023	0/4	0/29	PCR (filter)
Streptobacillus moniliformis	6 months	08/12-2023	0/4	0/29	PCR (filter)
Streptococcus pneumoniae	6 months	08/12-2023	0/4	0/32	PCR (filter)
Streptococcus sp. β hemolytic (not group D)	6 months	08/12-2023	0/4	0/32	PCR (filter)

Endoparasites

Pinworm - <i>Aspicularis tetraptera</i>	6 months	08/12-2023	0/4	0/32	PCR (filter)
Pinworm - <i>Syphacia muris</i>	6 months	08/12-2023	0/4	0/32	PCR (filter)
Pinworm - <i>Syphacia obvelata</i>	6 months	08/12-2023	0/4	1/32	PCR (filter)
Protozoa - <i>Chilomastix</i> spp.	6 months	08/12-2023	0/4	0/32	PCR (filter)
Protozoa - <i>Cryptosporidium</i> spp.	6 months	08/12-2023	0/4	0/32	PCR (filter)
Protozoa - <i>Eimeria</i> spp.	6 months	08/12-2023	0/4	0/32	PCR (filter)
Protozoa - <i>Giardia muris</i>	6 months	08/12-2023	0/4	0/32	PCR (filter)
Protozoa - <i>Spironucleus muris</i>	6 months	08/12-2023	0/4	0/32	PCR (filter)
Protozoa - <i>Tritrichomonas muris</i>	6 months	08/12-2023	0/4	0/32	PCR (filter)

Ectoparasites

Myocoptes	6 months	08/12-2023	0/4	0/30	PCR (filter)
Radfordia/Myobia	6 months	08/12-2023	0/4	0/30	PCR (filter)

Other

Pathology	-	-	-	-	Necropsy
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Opportunistic microorganisms

<i>Klebsiella oxytoca</i>	6 months	08/12-2023	0/4	0/29	PCR (filter)
<i>Klebsiella pneumoniae</i>	6 months	08/12-2023	1/4*	0/29	PCR (filter)
<i>Proteus</i> spp.	-	May 2020	-	1/5	PCR (filter)
<i>Proteus mirabilis</i>	6 months	08/12-2023	2/4*	22/29	PCR (filter)
Protozoa - <i>Entamoeba muris</i>	6 months	08/12-2023	3/4*	22/32	PCR (filter)
<i>Staphylococcus aureus</i>	6 months	08/12-2023	1/4*	15/29	PCR (filter)

1: Mähler, M., Berard, M., Feinstein, R., Gallagher, A., Illgen-Wilcke, B., Pritchett-Corning, K., & Raspa, M. (2014). FELASA recommendations for the health monitoring of mouse, rat, hamster, guinea pig and rabbit colonies in breeding and experimental units. *Laboratory Animals*, 48(3), 178–192.

*** Based on a positive PCR test result from one of the air handling units, a subsequent cull and cleaning protocol was initiated to eliminate these organisms from the stable.**

Environmental microbiological detection is performed by PCR evaluation of swabs from the filters of the air handling units.

Testing laboratory: IDEXX BioAnalytics, Mörikestr. 28/3, D 71636 Ludwigsburg, Germany.

Approved by Veterinarian:

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