

Health monitoring report

In accordance with FELASA recommendations¹.

Species: *Mus musculus*

Strain: -

Unit: Standard SPF Facility

Room: K43E/PKU

Date of report issue: 08/12-2024

Next testing: May 2024

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

Ectromelia virus (Mousepox)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Lymphocytic Choriomeningitis Virus LCMV)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Mouse Adenovirus 1 (MAdV-1)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Mouse Adenovirus 2 (MAdV-2)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Mouse Hepatitis Virus (MHV)	6 months	08/12-2023	0/2	0/19	PCR (filter)
Mouse Norovirus (MNV)	6 months	08/12-2023	0/2	0/19	PCR (filter)
Mouse Parvovirus (MPV)	6 months	08/12-2023	0/2	0/19	PCR (filter)
Minute Virus of Mice (MVM)	6 months	08/12-2023	0/2	0/19	PCR (filter)
Mouse Rotavirus (Epizootic Diarrhea of Infant Mice, EDIM)	6 months	08/12-2023	0/2	0/19	PCR (filter)
Pneumonia Virus of Mice (PVM)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Reovirus type 3 (REO3)	6 months	08/12-2023	0/2	0/17	PCR (filter)
Sendai virus	6 months	08/12-2023	0/2	0/17	PCR (filter)
Theiler's Mouse Encephalitis Virus (TMEV)	6 months	08/12-2023	0/2	0/19	PCR (filter)

Bacteria and mycoplasma

Bordetella bronchiseptica	6 months	08/12-2023	0/2	0/13	PCR (filter)
Citrobacter rodentium	6 months	08/12-2023	0/2	0/21	PCR (filter)
Clostridium piliforme	6 months	08/12-2023	0/2	0/17	PCR (filter)
Corynebacterium kutscheri	6 months	08/12-2023	0/2	0/20	PCR (filter)
Filobacterium rodentium (CAR bacillus)	6 months	08/12-2023	0/2	0/13	PCR (filter)
Helicobacter spp.	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter bilis	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter ganmani	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter hepaticus	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter mastomyrinus	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter rodentium	6 months	08/12-2023	0/2	0/23	PCR (filter)
Helicobacter typhlonius	6 months	08/12-2023	0/2	0/23	PCR (filter)
Mycoplasma pulmonis	6 months	08/12-2023	0/2	0/17	PCR (filter)
Rodentibacter heylii	6 months	08/12-2023	0/2	0/23	PCR (filter)
Rodentibacter pneumotropicus	6 months	08/12-2023	0/2	0/23	PCR (filter)
Pseudomonas aeruginosa	6 months	08/12-2023	0/2	0/23	PCR (filter)
Salmonella spp.	6 months	08/12-2023	0/2	0/21	PCR (filter)
Streptobacillus moniliformis	6 months	08/12-2023	0/2	0/21	PCR (filter)
Streptococcus pneumoniae	6 months	08/12-2023	0/2	0/23	PCR (filter)
Streptococcus sp. β hemolytic (not group D)	6 months	08/12-2023	0/2	0/23	PCR (filter)

Endoparasites

Pinworm - <i>Aspicularis tetraptera</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)
Pinworm - <i>Syphacia muris</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)
Pinworm - <i>Syphacia obvelata</i>	6 months	08/12-2023	0/2	1/23	PCR (filter)
Protozoa - <i>Chilomastix</i> spp.	6 months	08/12-2023	0/2	0/23	PCR (filter)
Protozoa - <i>Cryptosporidium</i> spp.	6 months	08/12-2023	0/2	0/23	PCR (filter)
Protozoa - <i>Eimeria</i> spp.	6 months	08/12-2023	0/2	0/23	PCR (filter)
Protozoa - <i>Giardia muris</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)
Protozoa - <i>Spironucleus muris</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)
Protozoa - <i>Tritrichomonas muris</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)

Ectoparasites

Myocoptes	6 months	08/12-2023	0/2	0/19	PCR (filter)
Radfordia/Myobia	6 months	08/12-2023	0/2	0/19	PCR (filter)

Other

Pathology	-	-	-	-	Necropsy
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Opportunistic microorganisms

<i>Klebsiella oxytoca</i>	6 months	08/12-2023	0/2	1/21	PCR (filter)
<i>Klebsiella pneumoniae</i>	6 months	08/12-2023	0/2	0/21	PCR (filter)
<i>Proteus</i> spp.	-	May 2020	-	1/9	PCR (filter)
<i>Proteus mirabilis</i>	6 months	08/12-2023	1/2	9/21	PCR (filter)
Protozoa - <i>Entamoeba muris</i>	6 months	08/12-2023	0/2	0/23	PCR (filter)
<i>Staphylococcus aureus</i>	6 months	08/12-2023	0/2	3/21	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.

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:

Kathrin Hinz
 Department of Biomedicine, Aarhus University
kth@biomed.au.dk, tel: +45 93508992