

## Health monitoring report

In accordance with FELASA recommendations<sup>1</sup>.

Species: *Mus musculus*

Strain: -

Unit: Standard SPF Facility

Room: K56

Date of report issue: 08/12-2023

Next testing: May 2024

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

### Viruses

Ectromelia virus (Mousepox)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Lymphocytic Choriomeningitis Virus LCMV)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Mouse Adenovirus 1 (MAdV-1)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Mouse Adenovirus 2 (MAdV-2)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Mouse Hepatitis Virus (MHV)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Mouse Norovirus (MNV)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Mouse Parvovirus (MPV)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Minute Virus of Mice (MVM)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Mouse Rotavirus (Epizootic Diarrhea of Infant Mice, EDIM)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Pneumonia Virus of Mice (PVM)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Reovirus type 3 (REO3)	6 months	08/12-2023	0/4	0/18	PCR (filter)
Sendai virus	6 months	08/12-2023	0/4	0/18	PCR (filter)
Theiler's Mouse Encephalitis Virus (TMEV)	6 months	08/12-2023	0/4	0/22	PCR (filter)

### Bacteria and mycoplasma

Bordetella bronchiseptica	6 months	08/12-2023	0/4	0/22	PCR (filter)
Citrobacter rodentium	6 months	08/12-2023	0/4	0/18	PCR (filter)
Clostridium piliforme	6 months	08/12-2023	0/4	0/18	PCR (filter)
Corynebacterium kutscheri	6 months	08/12-2023	0/4	0/18	PCR (filter)
Filobacterium rodentium (CAR bacillus)	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter spp.	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter bilis	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter ganmani	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter hepaticus	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter mastomyrinus	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter rodentium	6 months	08/12-2023	0/4	0/22	PCR (filter)
Helicobacter typhlonius	6 months	08/12-2023	0/4	0/22	PCR (filter)
Mycoplasma pulmonis	6 months	08/12-2023	0/4	0/18	PCR (filter)
Rodentibacter heylii	6 months	08/12-2023	0/4	0/22	PCR (filter)
Rodentibacter pneumotropicus	6 months	08/12-2023	0/4	0/22	PCR (filter)
Pseudomonas aeruginosa	6 months	08/12-2023	0/4	0/22	PCR (filter)
Salmonella spp.	6 months	08/12-2023	0/4	0/18	PCR (filter)
Streptobacillus moniliformis	6 months	08/12-2023	0/4	0/18	PCR (filter)
Streptococcus pneumoniae	6 months	08/12-2023	0/4	0/22	PCR (filter)
Streptococcus sp.β hemolytic (not group D)	6 months	08/12-2023	0/4	0/22	PCR (filter)

### Endoparasites

Pinworm - <i>Aspicularis tetraptera</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
Pinworm - <i>Syphacia muris</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
Pinworm - <i>Syphacia obvelata</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
Protozoa - <i>Chilomastix</i> spp.	6 months	08/12-2023	0/4	0/22	PCR (filter)
Protozoa - <i>Cryptosporidium</i> spp.	6 months	08/12-2023	0/4	<b>1/22</b>	PCR (filter)
Protozoa - <i>Eimeria</i> spp.	6 months	08/12-2023	0/4	0/22	PCR (filter)
Protozoa - <i>Giardia muris</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
Protozoa - <i>Spironucleus muris</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
Protozoa - <i>Tritrichomonas muris</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)

### Ectoparasites

Myocoptes	6 months	08/12-2023	0/4	0/22	PCR (filter)
Radfordia/Myobia	6 months	08/12-2023	0/4	0/22	PCR (filter)

### Other

Pathology	-	-	-	-	Necropsy
-----------	---	---	---	---	----------

### Opportunistic microorganisms

<i>Klebsiella oxytoca</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
<i>Klebsiella pneumoniae</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
<i>Proteus</i> spp.	-	-	-	-	PCR (filter)
<i>Proteus mirabilis</i>	6 months	08/12-2023	<b>2/4</b>	<b>20/22</b>	PCR (filter)
Protozoa - <i>Entamoeba muris</i>	6 months	08/12-2023	0/4	0/22	PCR (filter)
<i>Staphylococcus aureus</i>	6 months	08/12-2023	0/4	<b>1/22</b>	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](mailto:kth@biomed.au.dk), tel: +45 93508992