

Health Monitoring Report in Accordance with FELASA Recommendations¹

Location: **CM424**

Housing: **IVC**

Date of issue: **29-Oct-2025**

Species: Mouse		Test	Sep	May	Feb	Dec	Sep	Jun	Mar
Sentinel strain: C57BL/6J0laHsd		Method	2025	2025	2025	2024	2024	2024	2024
In the room: Mice of different strains									
Viruses									
Mouse hepatitis virus (MHV)	ELISA	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Mouse rotavirus (EDIM)	ELISA	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Parvovirus: Minute virus of mice (MVM)	ELISA	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
. Mouse parvovirus (MPV)	ELISA	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Theiler's murine encephalomyelitis virus (GDVII)	ELISA	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Mouse norovirus (MNV)	ELISA	3/15	6/13	2/11	3/12	2/11	3/8	2/8	
Pneumonia virus of mice (PVM)	ELISA	0/15	0/13	0/11	0/12	0/11	0/8	0/8	
Sendai virus	ELISA	0/15	0/13	0/11	0/12	0/11	0/8	0/8	
Ectromelia virus	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Hantavirus	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Lymphocytic choriomeningitis virus (LCMV)	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Mouse adenovirus (MAV)	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Mouse cytomegalovirus (MCMV)	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Mouse polyomavirus	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Reovirus type 3 (REO 3)	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Bacteria, mycoplasma and fungi									
Citrobacter rodentium	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Clostridium piliforme (Tyzzer's disease)	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Corynebacterium kutscheri	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Helicobacter spp.	PCR	1/5	1/4	0/3	1/3	0/3	0/2	0/2	
. Helicobacter bilis	PCR	0/5	0/4	0/3	0/3	0/3	0/2	0/2	
. Helicobacter ganmani	PCR	0/5	1/4	0/3	1/3	0/3	0/2	0/2	
. Helicobacter hepaticus	PCR	1/5	0/4	0/3	0/3	0/3	0/2	0/2	
. Helicobacter mastomyrinus	PCR	0/5	0/4	0/3	0/3	0/3	0/2	0/2	
. Helicobacter rodentium/ganmani	PCR	0/5	1/4	0/3	1/3	0/3	0/2	0/2	
. Helicobacter typhlonius	PCR	1/5	0/4	0/3	0/3	0/3	0/2	0/2	
Mycoplasma pulmonis	ELISA	0/15	0/13	0/11	0/12	0/11	0/8	0/8	
Rodentibacter spp. (Pasteurella pneumotropica):									
. Rodentibacter pneumotropicus (Jawetz)	C/PCR	1/29	0/26	0/22	0/24	0/22	0/16	0/16	
. Rodentibacter heylii (Heyl)	C/PCR	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Salmonella spp.	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Streptococci beta-hemolytic (not group D)	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Streptococcus pneumoniae	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Streptobacillus moniliformis	CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Parasites									
Ectoparasites: Fur mites	MICR	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Endoparasites: Pinworms	MICR	0/29	0/26	0/22	0/24	0/22	0/16	0/16	
Encephalitozoon cuniculi	ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1	
Opportunistic protozoa	MICR	0/29	0/26	0/22	0/24	0/22	0/16	0/16	

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In the room: Mice of different strains									
Additional bacteria and fungi									
Cilia-associated respiratory (CAR) bacillus		ELISA	0/3	0/2	0/2	0/2	0/2	0/2	0/1
Klebsiella oxytoca		CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16
Klebsiella pneumoniae		CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16
Pasteurellaceae: Muribacter muris		C/PCR	0/29	0/26	0/22	0/24	0/22	0/16	0/16
. Other Pasteurellaceae		C/PCR	0/29	0/26	0/22	0/24	0/22	0/16	0/16
Pneumocystis murina (2)		PCR	-	-	-	-	-	-	-
Proteus mirabilis		CULT	0/29	0/26	0/22	2/24	2/22	0/16	0/16
Pseudomonas aeruginosa		CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16
Staphylococcus aureus		CULT	0/29	0/26	0/22	0/24	0/22	0/16	0/16
Nonpathogenic protozoa									
Chilomastix spp.		MICR	0/29	2/26	0/22	2/24	2/22	4/16	0/16
Entamoeba spp.		MICR	16/29	20/26	12/22	12/24	6/22	10/16	12/16
Trichomonads		MICR	2/29	16/26	6/22	8/24	4/22	6/16	2/16
Pathological lesions									
Pathological macroscopic lesions (3)		PATH	0/29	0/26	0/22	1/24	0/22	1/16	0/16
Histopathological lesions (4)		HIST	0/1	-	-	1/1	-	1/1	-

¹ Data is expressed as number positive/number tested
 Laboratory tests are done by the Diagnostic Laboratory of the Department of Veterinary Resources at the Weizmann Institute of Science; Positive serology results are tested by IDEXX BioAnalytics for verification.
 PCR for Pasteurellaceae done according to Benga L. J Microbiol Methods. 2013;95(2):256-61. PMID: 24055385
² Tested in immunodeficient mice only
³ Pathological macroscopic lesions observed: Black content of stomach, Necrotic intestinePyometra/hydrometra
⁴ Histopathological lesions observed: Cecum and colon: Mild autolysis. Lung: Mild multifocal interstitial lymphocytic infiltrationPyometra/hydrometra

Abbreviations used in this report:
 ELISA = Enzyme Linked Immunosorbent Assay (antigen-coated plates purchased from Charles River Laboratories)
 CULT = Culture & biochemical (API kits)
 PCR = Polymerase Chain Reaction (for detection of Helicobacter spp. samples are pooled)
 C/PCR = Culture & PCR
 MICR = Microscopy
 PATH = Gross Pathology
 HIST = Histopathology



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