

**The Veterinary Service Center
Sentinel Diagnostic Laboratory**

**Health Monitoring Report
In Accordance with FELASA Recommendations**

Location: **Medicine Faculty TAU** Housing: **Conventional Unit (CM)** Samples collection: 29/12/2019
Species: **Mouse - Sentinel** Mouse Strain: ICR Date of report: 09/01/2020

Health Report of 8 mice (FELASA ANNUAL)

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (12 months)
Viruses						
Mouse hepatitis virus (MHV)	6 months	12/2019	1/8	CR RADS	IFA	1/26
Mouse rotavirus (EDIM-ROTA-A)	6 months	12/2019	0/8	CR RADS	MFI	0/26
Minute virus of mice (MVM)	6 months	12/2019	0/8	CR RADS	MFI	0/26
Mouse parvovirus (MPV-1, -2, -5)	6 months	12/2019	0/8	CR RADS	MFI	0/26
Pneumonia virus of mice (PVM)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Sendai virus (SEND)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Theiler's murine encephalomyelitis virus (TMEV-GDVII)	6 months	12/2019	0/8	CR RADS	MFI, IFA	0/26
Ectromelia virus (ECTRO)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Lymphocytic choriomeningitis virus (LCMV)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Mouse adenovirus type 1 (FL-MAV-1)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Mouse adenovirus type 2 (K87-MAV-2)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Mouse cytomegalovirus (MCMV)	Annual	12/2019	NT	CR RADS	MFI	0/26
Reovirus type 3 (REO)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Generic parvovirus (NS-1)	6 months	12/2019	0/8	CR RADS	MFI	0/26
Murine norovirus (MNV)	6 months	12/2019	NT	CR RADS	MFI	5/26



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Bacteria, mycoplasma and fungi						
Mycoplasma Pulmonis (MPUL)- Mouse	Annual	12/2019	0/8	CR RADS	MFI	1/26
Bordetella bronchoseptica (Nasopharynx &Lung)	6 months	12/2019	0/8	TAU	CULT	0/26
Citrobacter Rodentium (Intestine-feces)	6 months	12/2019	0/8	TAU	CULT	0/26
Clostridium piliforme (CPIL, Tyzzer's disease)	Annual	12/2019	0/8	CR RADS	MFI	0/26
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine)	6 months	12/2019	0/8	TAU	CULT	0/26
Klebsiella pneumoniae (Naso&Lung)	6 months	12/2019	0/8	TAU	CULT	0/26
Pasteurellaceae (Nasopharynx&Lung)	6 months	12/2019	0/8	TAU	CULT	5/26
Pasteurella pneumotropica						
Pseudomonas aeruginosa (Naso&Lung)	6 months	12/2019	0/8	TAU	CULT	0/26
Salmonella spp. (Intestine-feces)	6 months	12/2019	0/8	TAU	CULT	0/26
Staphylococcus aureus (Skin, Naso, Lung)	6 months	12/2019	1/8	TAU	CULT	2/26
Streptococci β-haemolytic (not group D)	6 months	12/2019	0/8	TAU	CULT	0/26
Streptococcus pneumoniae (Naso& Lung)	6 months	12/2019	0/8	TAU	CULT	0/26
Helicobacter spp	6 months	12/2019	NT*	TAU	PCR	26/26
Streptobacillus moniliformis (Naso)	6 months	12/2019	0/8	TAU	CULT	0/26
Dermatophytes (Skin)	6 months	12/2019	0/8	TAU	CULT	0/26
Corynebacterium bovis (Skin)	6 months	12/2019	0/8	TAU	CULT	0/26
Pneumocystis carinii (nude lung)	Annual	12/2019	NT	TAU	PCR	0/0
Parasites						
Ectoparasites: Fur mites	6 months	12/2019	0/8	TAU	MICR	0/26
Endoparasites: Pinworms	6 months	12/2019	2/8	TAU	MICR	2/26
Opportunistic protozoa	6 months	12/2019	0/8	TAU	MICR	0/26
Nonpathogenic protozoa	6 months	12/2019	8/8	TAU	MICR	26/26
Pathological lesions observed	6 months	12/2019	1/8	TAU	MACRO	1/26



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Data are denoted as number positive/number tested

Abbreviations used in this report:

ELISA=enzyme linked immunosorbent assay, MICR=microscopy, MACRO= macroscopic observation, IFA= immunofluorescence assay, MFI=multiplex fluorescent immunoassay, CULT=culture, PATH=gross pathology, PCR=polymerase chain reaction, HIST=histopathology, NT=not tested, TAU=Tel Aviv University, CR=Charles River.

Tests were performed at Charles River, USA & Sentinel Diagnostic Laboratory, Tel Aviv University

Health monitoring summary

Serology: One sentinel mouse (10th floor) was positive for Mouse Hepatitis Virus (MHV).

Bacteriology: One mouse (6th floor) were positive for *Staphylococcus aureus*.

*We consider the bacteriology mice samples positive for *Helicobacter spp.*

Parasitology: Tested mice were negative for fur mites. Two mice showed positive for pinworms *Aspicularis tetraptera* (9th floor and Imaging).

Gross Pathology: One mouse showed enlarged lymph nodes (11th floor).

Note:

Viridans group alpha *Streptococcus*, coagulase negative *Staphylococcus sp.*, *Enterococcus sp.*, *Lactobacillus sp.*, *Lactococcus sp.*, and *Escherichia coli* are all common components of the micro flora. *Trichomonas*, *Chilomastix* and *Entamoeba* are all common components of micro fauna.

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