

**The Veterinary Service Center  
Sentinel Diagnostic Laboratory**

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

Location: **Psychology TAU**  
Species: **Mouse - Sentinel**

Housing: **Conventional Unit (CP)**  
Mouse Strain: **ICR**

Collection samples: 14/07/2019  
Date of report: 01/08/2019

**Health Report of 3 mice (FELASA ANNUAL)**

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (4 months)
<b>Viruses</b>						
Mouse hepatitis virus (MHV)	6 months	07/2019	0/3	CR RADS	IFA	0/6
Mouse rotavirus (EDIM-ROTA-A)	6 months	07/2019	0/3	CR RADS	MFI	0/6
Minute virus of mice (MVM)	6 months	07/2019	0/3	CR RADS	MFI	0/6
Mouse parvovirus (MPV-1, -2, -5)	6 months	07/2019	0/3	CR RADS	MFI	0/6
Pneumonia virus of mice (PVM)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Sendai virus (SEND)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Theiler's murine encephalomyelitis virus (TMEV-GDVII)	6 months	07/2019	0/3	CR RADS	MFI, IFA	0/6
Ectromelia virus (ECTRO)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Lymphocytic choriomeningitis virus (LCMV)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Mouse adenovirus type 1 (FL-MAV-1)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Mouse adenovirus type 2 (K87-MAV-2)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Mouse cytomegalovirus (MCMV)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Reovirus type 3 (REO)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Influenza A virus (NS-1)	6 months	07/2019	0/3	CR RADS	MFI	0/6
Murine norovirus (MNV)	6 months	07/2019	1/3	CR RADS	MFI	2/6



Sackler Faculty of Medicine  
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The VETERINARY SERVICE CENTER

	Test frequency	Latest test date	Latest results	Testing TAU,CR	Test method	Historical (4 months)
<b>Bacteria, mycoplasma and fungi</b>						
Mycoplasma Pulmonis – Mouse (MPUL)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Bordetella bronchoseptica (Nasopharynx &Lung)	6 months	07/2019	0/3	TAU	CULT	0/6
Citrobacter Rodentium (Intestine –feces)	6 months	07/2019	0/3	TAU	CULT	0/6
Clostridium piliforme CPIL (Tyzzer's disease)	Annually	07/2019	0/3	CR RADS	MFI	0/6
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine )	6 months	07/2019	0/3	TAU	CULT	0/6
Klebsiella pneumoniae (Naso&Lung)	6 months	07/2019	0/3	TAU	CULT	0/6
Pasteurellaceae (Naso&Lung)	6 months	07/2019	0/3	TAU	CULT	1/6
Pasteurella pneumotropica						
Pseudomonas aeruginosa (Naso&Lung)	6 months	07/2019	0/3	TAU	CULT	0/6
Salmonella spp. (Intestine -feces)	6 months	07/2019	0/3	TAU	CULT	0/6
Staphylococcus aureus (Skin,Naso, Lung)	6 months	07/2019	2/3	TAU	CULT	2/6
Streptococci $\beta$ -haemolytic (not group D)	6 months	07/2019	0/3	TAU	CULT	0/6
Streptococcus pneumoniae (Naso& Lung)	6 months	07/2019	0/3	TAU	CULT	0/6
Helicobacter spp	6 months	07/2019	NT*	TAU	PCR	0/6
Streptobacillus moniliformis (Naso)	6 months	07/2019	0/3	TAU	CULT	0/6
Dermatophytes (Skin)	6 months	07/2019	0/3	TAU	CULT	0/6
Corynebacterium bovis (Skin)	6 months	07/2019	0/3	TAU	CULT	0/6
Pneumocytis carinii (nude lung)	Annually	07/2019	NT	TAU	PCR	0/0
<b>Parasites</b>						
Ectoparasites: Fur mites	6 months	07/2019	0/3	TAU	MICR	0/6
Endoparasites: Pinworms	6 months	07/2019	0/3	TAU	MICR	1/6
Opportonistic protozoa	6 months	07/2019	0/3	TAU	MICR	0/6
Nonpathogenic protozoa:						
Chilomastix sp	6 months	07/2019	3/3	TAU	MICR	6/6
Entamoeba sp	6 months	07/2019	3/3	TAU	MICR	6/6
Trichomonads	6 months	07/2019	3/3	TAU	MICR	6/6
<b>Pathological lesions observed</b>	6 months	07/2019	0/3	TAU	MACRO	0/6

Data are expressed 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 conducted at Charles River, USA & Sentinel Diagnostic Laboratory at Tel Aviv University**

### **Health monitoring summary**

**Serology:** One mouse was positive for Murine norovirus (MNV).

**Bacteriology:** Two mice (rooms 11/13 and room 12) were positive for *Staphylococcus aureus*.

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

**Parasitology:** The sentinel mice were negative for pinworms (endoparasites) and fur mites (ectoparasites) observed by microscope.

**Growth Pathology:** No pathology lesions.

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. *Trichomonads*, *Chilomastix* and *Entamoeba* are all common components of micro fauna.

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