

**The Veterinary Service Center
Sentinel Diagnostic Laboratory**

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

Location: **Psychology TAU**
Species: **Rat**

Housing: **Conventional Unit**
Strain: SD (F)

Collection samples: 14/07/2019
Date of report: 01/08/19

Health Report of 1 rat (FELASA ANNUAL)

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (4 months)
Viruses						
Hantaan (HTNV, HANT, zoonotic hantaan virus)	Annual	07/2019	0/1	CR RADS	MFI	0/4
H1 (Toolan's H1-a rat parvovirus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
MAV1 (rodent adeno virus strain 1)	Annual	07/2019	0/1	CR RADS	MFI	0/4
MAV2 (rodent adeno virus strain 2)	Annual	07/2019	0/1	CR RADS	MFI	0/4
RPV (rat parvo virus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
RMV (rat minut virus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
KRV (Kilham's rat virus-parvovirus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
PVM (a rodent pneumovirus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
RCV/SDAV (rat coronavirus)	6 months	07/2019	0/1	CR RADS	MFI	0/4
REO3 (a rodent reovirus)	Annual	07/2019	0/1	CR RADS	MFI	0/4
RTV (rat theilovirus)	6 months	07/2019	1/1	CR RADS	MFI	3/4
Sendai (SEND)	6 months	07/2019	0/1	CR RADS	MFI	0/4
Parvovirus (NS-1)	Annual	07/2019	0/1	CR RADS	MFI	0/4
Pneumocitis carinii (PCAR, 'RRV')	6 months	07/2019	0/1	CR RADS	IFA	0/4
MNV (Murine novovirus)	6 months	07/2019	0/1	CR RADS	IFA	0/4
RCMV (rat cytomegalovirus)	6 months	07/2019	0/1	CR RADS	IFA	0/4



Sackler Faculty of Medicine
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The VETERINARY SERVICE CENTER

	Test frequency	Latest test date	Latest results	Testing lab	Test method	Historical results (4 months)
Bacteria, mycoplasma and fungi						
CILIA- Assoc. Resp. Bacillus (CARB)	Annual	07/2019	0/1	CR RADS	MFI	1/4
<i>Mycoplasma pulmonis</i> -MPUL (Blood)	6 months	07/2019	0/1	CR RADS	MFI	0/4
<i>Bordetella bronchoseptica</i> (Naso&Lung)	6 months	07/2019	0/1	CR RADS	CULT	0/4
<i>Citrobacter rodentium</i> (Intestine – feces)	6 months	07/2019	0/1	CR RADS	CULT	0/4
<i>Clostridium piliforme</i> -CPIL (Blood)	6 months	07/2019	0/1	CR RADS	MFI	0/4
<i>Corynebacterium kutscheri</i> (Nasopharynx, Lung and Intestine)	6 months	07/2019	0/1	TAU	CULT	0/4
<i>Klebsiella pneumoniae</i> (Naso&Lung)	6 months	07/2019	0/1	TAU	CULT	0/4
<i>Klebsiella oxytoca</i> (Intestine – feces)	6 months	07/2019	0/1	TAU	CULT	0/4
<i>Pasteurellaceae</i> (Naso&Lung)	6 months	07/2019	0/1	TAU	CULT	1/4
<i>Pseudomonas aeruginosa</i> (feces)	6 months	07/2019	0/1	TAU	CULT	0/4
Salmonella spp.(Intestine -feces)	6 months	07/2019	0/1	TAU	CULT	0/4
Staphylococcus aureus (Skin, Lung)	6 months	07/2019	1/1	TAU	CULT	2/4
Streptococci β -haemolytic (Naso&Lung)	6 months	07/2019	0/1	TAU	CULT	0/4
Streptococcus pneumonia (Naso)	6 months	07/2019	0/1	TAU	CULT	0/4
Helicobacter spp. (Intestine -feces)	6 months	07/2019	NT*	TAU	PCR	0/0
Streptobacillus moniliformis	6 months	07/2019	0/1	TAU	CULT	0/4
Dermatophytes (Skin)	6 months	07/2019	0/1	TAU	CULT	0/4
<i>Corynebacterium bovis</i> (Skin)	6 months	07/2019	0/1	TAU	CULT	0/4
Parasites						
Ectoparasites: Fur mites	6 months	07/2019	0/1	TAU	MICR	0/4
Endoparasites: Pinworms	6 months	07/2019	0/1	TAU	MICR	0/4
Opportunistic Protozoa	6 months	07/2019	0/1	TAU	MICR	0/4
Non Pathogenic Protozoa	6 months	07/2019	1/1	TAU	MICR	4/4
Encephalitozoon cuniculi (sporozoan)	6 months	07/2019	NT	CR RADS	ELISA	0/0
Pathological lesions observed	6 months	07/2019	1/1	TAU	MAC	0/4

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, CR RADS=Charles River, TAU=Tel Aviv University.

Tests were conducted by Charles River Laboratory & Sentinel Diagnostic Laboratory at Tel Aviv University

Health monitoring summary

Serology: The tested rat was positive for Rat theilovirus (RTV).

Bacteriology: The rat was positive for *Staphylococcus aureus*.

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

Parasitology: The tested rat was negative for pinworms (endoparasites) and negative for fur mites (ectoparasites).

Pathology: Kidney anomalies.

NOTE: Viridans group alpha *Streptococcus*, coagulase negative *Staphylococcus sp.*, *Enterococcus sp.*, *Lactobacillus sp.*, *Lactococcus sp.*, and *Escherichia coli* were isolated. These bacteria are common components of the micro flora. *Trichomonads*, *Chilomastix* and *Entamoeba* are all common components of micro fauna.

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