

**The Veterinary Service Center  
Sentinel Diagnostic Laboratory**

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

Location: **Medicine Faculty TAU**    Housing: **Conventional Unit (CM)**    Samples collected: 29/12/2019  
Species: **Rat - Sentinel**    Strain: SD (F)    Date of report: 12/01/2020

**Health Report of 1 rat (FELASA ANNUAL)**

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (12 months)
<b>Viruses</b>						
Hantaan (zoonotic hantaan virus-HANT)	Annual	12/2019	0/1	CR RADS	MFI	0/3
H1 (Toolan's H1-a rat parvovirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
MAV1 (Rodent adenovirus strain 1)	Annual	12/2019	0/1	CR RADS	MFI	0/3
MAV2 (Rodent adenovirus strain 2)	Annual	12/2019	0/1	CR RADS	MFI	0/3
RPV (Rat parvovirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
RMV (Rat minute virus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
KRV (Kilham's rat virus-parvovirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
PVM (Rodent pneumovirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
RCV/SDAV (Rat coronavirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
REO (Rodent reovirus)	Annual	12/2019	0/1	CR RADS	MFI	0/3
RTV (Rat theilovirus)	6 months	12/2019	0/1	CR RADS	MFI	0/3
Sendai (SEND)	6 months	12/2019	0/1	CR RADS	MFI	0/3
Parvovirus (NS-1)	Annual	12/2019	0/1	CR RADS	MFI	0/3
PCAR ('RRV'-Pneumocystis carinii)	6 months	12/2019	0/1	CR RADS	IFA	0/3
MNV (Murine norovirus)	6 months	12/2019	NT	CR RADS	IFA	NT
RCMV (Rat cytomegalovirus)	6 months	12/2019	0/1	CR RADS	IFA	0/3



Sackler Faculty of Medicine  
Tel Aviv University



The VETERINARY SERVICE CENTER

	Test frequency	Latest test date	Latest results	Testing lab	Test method	Historical results (12 months)
<b>Bacteria, mycoplasma and fungi</b>						
Cillia- Associated Respiratory Bacillus (CARB)	Annual	12/2019	0/1	CR RADS	MFI	0/3
<i>Mycoplasma pulmonis</i> -MPUL (Blood)	6 months	12/2019	0/1	CR RADS	MFI	0/3
<i>Bordetella bronchiseptica</i> (Naso&Lung)	6 months	12/2019	0/1	CR RADS	CULT	0/3
<i>Citrobacter rodentium</i> (Intestine-feces)	6 months	12/2019	0/1	CR RADS	CULT	0/3
<i>Clostridium piliforme</i> -CPIL (Blood)	6 months	12/2019	0/1	CR RADS	MFI	0/3
<i>Corynebacterium kutscheri</i> (Nasopharynx, Lung and Intestine )	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Klebsiella pneumoniae</i> (Naso&Lung)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Klebsiella oxytoca</i> (Intestine – feces)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Pasteurellaceae</i> (Naso&Lung)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Pseudomonas aeruginosa</i> (Feces)	6 months	12/2019	0/1	TAU	CULT	1/3
Salmonella spp.(Intestine -feces)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Staphylococcus aureus</i> (Skin, Lung)	6 months	12/2019	0/1	TAU	CULT	1/3
Streptococci β-haemolytic (Naso&Lung)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Streptococcus pneumoniae</i> (Naso)	6 months	12/2019	0/1	TAU	CULT	0/3
Helicobacter spp. (Intestine -feces)	6 months	07/2019	NT*	TAU	PCR	3/3
<i>Streptobacillus moniliformis</i>	6 months	12/2019	0/1	TAU	CULT	0/3
Dermatophytes (Skin)	6 months	12/2019	0/1	TAU	CULT	0/3
<i>Corynebacterium bovis</i> (Skin)	6 months	12/2019	0/1	TAU	CULT	0/3
<b>Parasites</b>						
Ectoparasites: Fur mites	6 months	12/2019	0/1	TAU	MICR	0/3
Endoparasites: Pinworms	6 months	12/2019	0/1	TAU	MICR	0/3
Opportunistic Protozoa	6 months	12/2019	0/1	TAU	MICR	0/3
Nonpathogenic Protozoa	6 months	12/2019	1/1	TAU	MICR	3/3
Encephalitozoon cuniculi (sporozoan)	6 months	12/2019	NT	CR RADS	ELISA	0/0
<b>Pathological lesions observed</b>	6 months	12/2019	0/1	TAU	MAC	0/3

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

## **Tests were performed by Charles River Laboratory & Sentinel Diagnostic Laboratory at Tel Aviv University**

### **Health monitoring summary**

**Serology:** The tested rat was negative for all viruses.

**Bacteriology:** The tested rat was negative for all tested bacteria pathogens according to FELASA. In addition, the rat was positive for *Morganella morganii*.

\*We consider the bacteriology rat sample positive for *Helicobacter spp.*

**Parasitology:** The tested rat was negative for pinworms and fur mites.

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

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