

**The Veterinary Service Center  
Sentinel Diagnostic Laboratory**

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

Location: **Life Sciences TAU**    Housing: Conventional Unit    Date of issue: 25/02/2019  
Species: **Rat**    Strain: SD (F)

**Health Report of 1 rat**

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (45 months)
<b>Viruses</b>						
Hantaan (a zoonotic hantaan virus)	Annual	02/2019	0/1	CR RADS	MFI	0/7
H1 (Toolan's H1-a rat parvovirus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
MAV1 (rodent adeno virus strain 1)	Annual	02/2019	0/1	CR RADS	MFI	0/7
MAV2 (rodent adeno virus strain 2)	Annual	02/2019	0/1	CR RADS	MFI	0/7
RPV (rat parvo virus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
RMV (rat minut virus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
KRV (Kilham's rat virus-parvovirus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
PVM ( a rodent pneumovirus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
RCV/SDAV (rat coronavirus)	6 months	02/2019	0/1	CR RADS	MFI	0/11
REO3 (a rodent reovirus)	Annual	02/2019	0/1	CR RADS	MFI	0/11
RTV (rat theilovirus)	6 months	02/2019	1/1	CR RADS	MFI	6/11
Sendai (SEND)	6 months	02/2019	0/1	CR RADS	MFI	0/11
NS-1	Annual	02/2019	0/1	CR RADS	MFI	0/11
PCAR ('RRV')	6 months	02/2019	1/1	CR RADS	IFA	2/4
MNV	6 months	02/2019	0/1	CR RADS	IFA	0/3
CARB	6 months	02/2019	0/1	CR RADS	IFA	0/3
CPIL	6 months	02/2019	0/1	CR RADS	IFA	0/1
RCMV	6 months	02/2019	0/1	CR RADS	IFA	0/3

	Test frequency	Latest test date	Latest results	Testing lab	Test method	Historical results (45 months)
<b>Bacteria, mycoplasma and fungi</b>						
CILIA- Assoc. Resp. Bacillus (CARB)	Annual	02/2019	0/1	CR RADS	MFI	0/4
<i>Mycoplasma pulmonis</i> (Blood)	6 months	02/2019	0/1	CR RADS	MFI	0/11
<i>Bordetella bronchoseptica</i> (Naso&Lung)	6 months	02/2019	0/1	CR RADS	CULT	0/11
<i>Citrobacter rodentium</i> (Intestine – feces)	6 months	02/2019	0/1	CR RADS	CULT	0/11
<i>Clostridium piliforme</i> (Blood)	6 months	02/2019	0/1	CR RADS	MFI	0/11
<i>Corynebacterium kutscheri</i> (Nasopharynx, Lung and Intestine )	6 months	02/2019	0/1	TAU	CULT	0/11
<i>Klebsiella pneumoniae</i> (Naso&Lung)	6 months	02/2019	0/1	TAU	CULT	0/11
<i>Klebsiella oxytoca</i> (Intestine – feces)	6 months	02/2019	0/1	TAU	CULT	0/11
<i>Pasteurellaceae</i> (Naso&Lung)	6 months	02/2019	0/1	TAU	CULT	1/11
<i>Pseudomonas aeruginosa</i> (feces)	6 months	02/2019	0/1	TAU	CULT	0/11
Salmonella spp.(Intestine -feces)	6 months	02/2019	0/1	TAU	CULT	0/11
Staphylococcus aureus (Skin, Lung)	6 months	02/2019	0/1	TAU	CULT	0/11
Streptococci β-haemolytic (Naso&Lung)	6 months	02/2019	0/1	TAU	CULT	0/11
Streptococcus pneumonia (Naso)	6 months	02/2019	0/2	TAU	CULT	0/11
Helicobacter spp. (Intestine -feces)	6 months	02/2019	NT*	TAU	PCR	8/9
Streptobacillus moniliformis	6 months	02/2019	0/1	TAU	CULT	0/11
Dermatophytes (Skin)	6 months	02/2019	0/1	TAU	CULT	0/11
<i>Corynebacterium bovis</i> (Skin)	6 months	02/2019	0/1	TAU	CULT	0/11
<b>Parasites</b>						
Ectoparasites: Fur mites	6 months	02/2019	0/1	TAU	MICR	0/11
Endoparasites: Pinworms	6 months	02/2019	1/2	TAU	MICR	1/12
Opportunistic Protozoa	6 months	02/2019	0/1	TAU	MICR	0/11
Non Pathogenic Protozoa	6 months	02/2019	1/1	TAU	MICR	0/11
Encephalitozoon cuniculi (sporozoan)	6 months	02/2019	NT	CR RADS	ELISA	0/0
<b>Pathological lesions observed</b>	6 months	02/2019	0/1	TAU	MAC	0/11

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) and PCAR (“RRV”).

**Parasitology:** The sentinel rat was negative for pinworms. A colony rat (room 17-18) was positive for endoparasites-pinworms (*Syphacia obvelata*).

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

**Pathology:** No pathology lesions.

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.

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