

**The Veterinary Service Center
Sentinel Diagnostic Laboratory**

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

Location: **Felsenshtein**
Species: **Mouse - Sentinel**

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

Collection samples: 21/07/2019
Date of report: 04/08/2019

Health Report of 4 mice (FELASA ANNUAL)

| | Test frequency | Latest test date | Latest results | Testing TAU, CR | Test method | Historical results (11 months) |
|---|----------------|------------------|----------------|-----------------|-------------|--------------------------------|
| Viruses | | | | | | |
| Mouse hepatitis virus (MHV) | 6 months | 07/2019 | 0/4 | CR RADS | IFA | 0/8 |
| Mouse rotavirus (EDIM-ROTA-A) | 6 months | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Minute virus of mice (MVM) | 6 months | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Mouse parvovirus (MPV-1, -2, -5) | 6 months | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Pneumonia virus of mice (PVM) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Sendai virus (SEND) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Theiler's murine encephalomyelitis virus (TMEV-GDVII) | 6 months | 07/2019 | 0/4 | CR RADS | MFI, IFA | 0/8 |
| Ectromelia virus (ECTRO) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Lymphocytic choriomeningitis virus (LCMV) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Mouse adenovirus type 1 (FL-MAV-1) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Mouse adenovirus type 2 (K87-MAV-2) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Mouse cytomegalovirus (MCMV) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Reovirus type 3 (REO) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Influenza A virus (NS-1) | 6 months | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Murine norovirus (MNV) | 6 months | 07/2019 | 2/4 | CR RADS | MFI | 2/8 |



| | Test frequency | Latest test date | Latest results | Testing TAU,CR | Test method | Historical (11 months) |
|--|----------------|------------------|----------------|----------------|-------------|------------------------|
| Bacteria, mycoplasma and fungi | | | | | | |
| Mycoplasma Pulmonis – Mouse (MPUL) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Bordetella bronchoseptica (Nasopharynx &Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Citrobacter Rodentium (Intestine –feces) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Clostridium piliforme CPIL (Tyzzer's disease) | Annually | 07/2019 | 0/4 | CR RADS | MFI | 0/8 |
| Corynebacterium kutscheri (Nasopharynx, Lung and Intestine) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Klebsiella pneumoniae (Naso&Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Pasteurellaceae (Naso&Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 1/8 |
| Pasteurella pneumotropica | | | | | | |
| Pseudomonas aeruginosa (Naso&Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Salmonella spp. (Intestine -feces) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Staphylococcus aureus (Skin,Naso, Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Streptococci β -haemolytic (not group D) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Streptococcus pneumoniae (Naso& Lung) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Helicobacter spp | 6 months | 07/2019 | 0/2 | TAU | PCR | 0/8 |
| Streptobacillus moniliformis (Naso) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Dermatophytes (Skin) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Corynebacterium bovis (Skin) | 6 months | 07/2019 | 0/4 | TAU | CULT | 0/8 |
| Pneumocytis carinii (nude lung) | Annually | 07/2019 | NT | TAU | PCR | 0/0 |
| Parasites | | | | | | |
| Ectoparasites: Fur mites | 6 months | 07/2019 | 0/4 | TAU | MICR | 0/8 |
| Endoparasites: Pinworms | 6 months | 07/2019 | 2/4 | TAU | MICR | 2/8 |
| Opportunistic protozoa | 6 months | 07/2019 | 0/4 | TAU | MICR | 0/8 |
| Nonpathogenic protozoa: | | | | | | |
| Chilomastix sp | 6 months | 07/2019 | 4/4 | TAU | MICR | 8/8 |
| Entamoeba sp | 6 months | 07/2019 | 4/4 | TAU | MICR | 8/8 |
| Trichomonads | 6 months | 07/2019 | 4/4 | TAU | MICR | 8/8 |
| Pathological lesions observed | 6 months | 07/2019 | 0/4 | TAU | MACRO | 0/8 |

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 conducted at Charles River, USA & Sentinel Diagnostic Laboratory at Tel Aviv University

Health monitoring summary

Serology: Two mice were positive for Murine norovirus (MNV).

Bacteriology: The mice were negative for all tested pathogens.

*Two tested mice samples were negative for *Helicobacter spp* (tested by PCR).

Parasitology: Two sentinel mice (rooms 4 and 6) were positive for pinworms (endoparasites) observed by microscope. The sentinel mice were negative for 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.

Dr. Mickey Harlev, Veterinarian
Israeli Board Certified
Head Laboratory Animal Units
Tel Aviv University
Cell: +972-52-5643396
Office: +972-3-6409919
Fax: +972-3-6407567

Dr. Debora Rapaport, PhD
Manager of Sentinel Diagnostic Laboratory
Department of Clinical Microbiology and Immunology
Sackler Faculty of Medicine
Tel Aviv University
Office: +972-3-6405137
Fax: +972-3-6409160