

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

Location: Medicine Faculty Housing: **SPF** Date of issue: November 2015
 Species: Mouse Mouse Strain: ICR (F) 7 months age

| | Test frequency | Latest test date | Latest results | Testing TAU,Radil | Test method | Historical results (≤52Mnt) |
|---|----------------|------------------|----------------|-------------------|-------------|-----------------------------|
| Viruses | | | | | | |
| Mouse hepatitis virus (MHV) | 3 months | 11/2015 | 0/18 | RADIL | IFA | 0/145 |
| Mouse rotavirus (EDIM) | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Parvoviruses | | | | | | |
| Minute virus of mice (MVM) | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Mouse parvovirus (MPV) | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Pneumonia virus of mice (PVM) | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Sendai virus | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Theiler's murine encephalomyelitis virus (TMEV) | 3 months | 11/2015 | 0/18 | RADIL | MFI,IFA | 0/145 |
| Ectromelia virus | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Lymphocytic choriomeningitis virus (LCM) | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Mouse adenovirus type 1 (FL) | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Mouse adenovirus type 2 (K87) | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Mouse cytomegalovirus (MCMV) | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Reovirus type 3 (REO-3) | Annually | 11/2015 | NT | RADIL | MFI | 0/45 |
| Murine norovirus (MNV) | 3 months | 11/2015 | 16/18 | RADIL | MFI | 49/108 |

| | Test frequency | Latest test date | Latest results | Testing TAU,Radil | Test method | Historical result(≤52Mnt) |
|--|----------------|------------------|----------------|-------------------|-------------|---------------------------|
| Bacteria, mycoplasma and fungi | | | | | | |
| Mycoplasma Pulmonis - Mouse | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Bordetella bronchoseptica (Nasopharynx and Lung) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Citrobacter Rodentium (Intestine – feces) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Clostridium piliforme (Tyzzer's disease) | 3 months | 11/2015 | 0/18 | RADIL | MFI | 0/145 |
| Corynebacterium kutscheri (Nasopharynx, Lung and Intestine) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Klebsiella pneumoniae (Nasoand Lung) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Pasteurella pneumotropica (Nasopharynx and Lung) | 3 months | 11/2015 | 0/18 | TAU | CULT | 22/145 |
| Pseudomonas aeruginosa (Naso&Lung) | 3 months | 11/2015 | 0/18 | TAU | CULT | 4/145 |
| Salmonella spp.(Intestine -feces) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Staphylococcus aureus (Skin, Nasopharynx & Lung) | 3 months | 11/2015 | 1/18 | TAU | CULT | 2/129 |
| Streptococci β-haemolytic (not group D) | 3 months | 11/2015 | 0/17 | TAU | CULT | 0/145 |
| Streptococcus pneumoniae (Naso&Lung) | 3 months | 11/2015 | 0/17 | TAU | CULT | 0/145 |
| Helicobacter spp | 3 months | 11/2015 | 1/18 | TAU | PCR | 6/129 |
| Streptobacillus moniliformis(Naso) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Dermatophytes (Skin) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Corynebacterium bovis (Skin) | 3 months | 11/2015 | 0/18 | TAU | CULT | 0/145 |
| Pneumocytis carinii (nude lung) | Annually | 11/2015 | 0/2 | TAU | PCR | 0/4 |
| Parasites | | | | | | |
| Ectoparasites: Fur mites | 3 months | 11/2015 | 0/18 | TAU | MICR | 0/145 |
| Endoparasites: Pinworms | 3 months | 11/2015 | 0/18 | TAU | MICR | 0/145 |
| Opportunistic protozoa | 3 months | 11/2015 | 0/18 | TAU | MICR | 0/145 |
| Nonpathogenic protozoa: | | | | | | |
| Chilomastix sp | 3 months | 11/2015 | 10/18 | TAU | MICR | 27/129 |
| Entamoeba sp | 3 months | 11/2015 | 8/18 | TAU | MICR | 37/129 |
| Trichomonads | 3 months | 11/2015 | 5/18 | TAU | MICR | 27/129 |
| Pathological lesions observed | 3 months | 11/2015 | 0/18 | TAU | MACRO | 0/145 |

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

Tests were conducted at Radil, USA & Tel Aviv University laboratories

Conclusions of the latest results

Serology: 16 mice were found positive for **MNV**- room 309(1, 2, 4, 5): 305 (1, 3): 307 (1-5):407 (1-5)

Parasitology: 16 mice were found positive for *Trichomonads*, *Chilomastix*, *Entamoeba muris*

Bacteriology: One mouse was found positive for *Staphylococcus aureus* - room 305 (1)

PCR: One mouse was found positive for *Helicobacter spp* - room 307(3)

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.

These tests were carried out after antibiotic treatment of 8 weeks (Baytril in water bag)

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