

Health Monitoring Report
In Accordance with FELASA Recommendations

Location: Medicine Faculty Housing: **SPF** Date of issue: February 2017
 Species: Mouse Mouse Strain: ICR (F)

	Test frequency	Latest test date	Latest results	Testing TAU,CR	Test method	Historical results (≤25Mnt)
Viruses						
Mouse hepatitis virus (MHV)	3 months	2/2017	0/22	CR RADS	IFA	0/130
Mouse rotavirus (EDIM)	3 months	2/2017	0/22	CR RADS	MFI	0/130
Minute virus of mice (MVM)	3 months	2/2017	0/22	CR RADS	MFI	0/130
Mouse parvovirus (MPV 1, 2, 5)	3 months	2/2017	0/22	CR RADS	MFI	0/130
Pneumonia virus of mice (PVM)	Annually	2/2017	0/22	CR RADS	MFI	0/92
Sendai virus	Annually	2/2017	0/22	CR RADS	MFI	0/92
Theiler's murine encephalomyelitis virus (TMEV)	3 months	2/2017	0/22	CR RADS	MFI,IFA	0/130
Ectromelia virus	Annually	2/2017	0/22	CR RADS	MFI	0/41
Lymphocytic choriomeningitis virus (LCM)	Annually	2/2017	0/22	CR RADS	MFI	0/41
Mouse adenovirus type 1 (FL)	Annually	2/2017	0/22	CR RADS	MFI	0/41
Mouse adenovirus type 2 (K87)	Annually	2/2017	0/22	CR RADS	MFI	0/41
Mouse cytomegalovirus (MCMV)	Annually	2/2017	0/22	CR RADS	MFI	0/41
Reovirus type 3 (REO-3)	Annually	2/2017	0/22	CR RADS	MFI	0/41
NS 1	3 months	2/2017	0/22	CR RADS	MFI	0/60
Murine norovirus (MNV)	3 months	2/2017	13/22	CR RADS	MFI	66/130

	Test frequency	Latest test date	Latest results	Testing TAU,CR	Test method	Historical result(≤25Mnt)
Bacteria, mycoplasma and fungi						
Mycoplasma Pulmonis - Mouse	Annually	2/2017	0/22	CR RADS	MFI	0/92
Bordetella bronchoseptica (Nasopharynx and Lung)	3 months	2/2017	0/22	TAU	CULT	0/130
Citrobacter Rodentium (Intestine – feces)	3 months	2/2017	0/22	TAU	CULT	0/130
Clostridium piliforme (Tyzzer's disease)	Annually	2/2017	0/22	CR RADS	MFI	0/92
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine)	3 months	2/2017	0/22	TAU	CULT	0/130
Klebsiella pneumoniae (Nasoand Lung)	3 months	2/2017	0/22	TAU	CULT	0/130
Pasteurella pneumotropica (Naso, Lung)	3 months	2/2017	12/22	TAU	CULT	37/130
Pseudomonas aeruginosa (Naso&Lung)	3 months	2/2017	0/22	TAU	CULT	0/130
Salmonella spp.(Intestine -feces)	3 months	2/2017	0/22	TAU	CULT	0/130
Staphylococcus aureu (Skin,Naso ,Lung)	3 months	2/2017	0/22	TAU	CULT	2/130
Streptococci β-haemolytic (not group D)	3 months	2/2017	0/22	TAU	CULT	0/130
Streptococcus pneumoniae (Naso, Lung)	3 months	2/2017	0/22	TAU	CULT	0/130
Helicobacter spp	3 months	2/2017	3/22	TAU	PCR	11/130
Streptobacillus moniliformis (Naso)	3 months	2/2017	0/22	TAU	CULT	0/130
Dermatophytes (Skin)	3 months	2/2017	0/22	TAU	CULT	0/130
Corynebacterium bovis (Skin)	3 months	2/2017	0/22	TAU	CULT	0/130
Pneumocytis carinii (nude lung)	Annually	2/2017	NT	TAU	PCR	0/2
Parasites						
Ectoparasites: Fur mites	3 months	2/2017	0/22	TAU	MICR	0/130
Endoparasites: Pinworms	3 months	2/2017	0/22	TAU	MICR	0/130
Opportunistic protozoa	3 months	2/2017	0/22	TAU	MICR	0/130
Nonpathogenic protozoa:						
Chilomastix sp	3 months	2/2017	8/22	TAU	MICR	46/130
Entamoeba sp	3 months	2/2017	7/22	TAU	MICR	45/130
Trichomonads	3 months	2/2017	12/22	TAU	MICR	36/130
Pathological lesions observed	3 months	2/2017	0/22	TAU	MACRO	0/130

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 Charles River, USA & Tel Aviv University laboratories

Conclusions of the latest results

Serology: 13 mice were found positive for **MNV**- room 307 (1,3, 4,5); 409 (2, 3, 4, 5); 407 (1,2); 309(2,3): 305(2)

Parasitology: 20 mice were found positive for *Trichomonads*, *Chilomastix*, *Entamoeba muris*

Bacteriology: 12 mice were found positive for ***Pasteurella pneumotropica*** – room 209 (1, 3); 307 (1, 5); 309 (2, 4): 305(2):409(2,4,5):407(2)

PCR: 3 mice were found positive for ***Helicobacter hepaticus*** - room 307 (4); 409 (3): 309(5)

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: 052-5643396
Office: 972-3-6409919
Fax: 972-3-6407567

Yael Gov
Manager of Sentinel Diagnostic Laboratory
Department of Clinical Microbiology and Immunology
Sackler Faculty of Medicine
Tel-Aviv University
Office: +972-3-6405137
Cell: 054-5671456
Fax: +972-3-6409160