

Health Monitoring Report
In Accordance with FELASA Recommendations

Location: Medicine Faculty Housing: **SPF** Date of issue: November 2016
 Species: Mouse Mouse Strain: ICR (F)

	Test frequency	Latest test date	Latest results	Testing TAU,CR	Test method	Historical results (≤21Mnt)
Viruses						
Mouse hepatitis virus (MHV)	3 months	11/2016	0/19	CR RADS	IFA	0/108
Mouse rotavirus (EDIM)	3 months	11/2016	0/19	CR RADS	MFI	0/108
Minute virus of mice (MVM)	3 months	11/2016	0/19	CR RADS	MFI	0/108
Mouse parvovirus (MPV 1, 2, 5)	3 months	11/2016	0/19	CR RADS	MFI	0/108
Pneumonia virus of mice (PVM)	Annually	11/2016	NT	CR RADS	MFI	0/70
Sendai virus	Annually	11/2016	NT	CR RADS	MFI	0/70
Theiler's murine encephalomyelitis virus (TMEV)	3 months	11/2016	0/19	CR RADS	MFI,IFA	0/108
Ectromelia virus	Annually	11/2016	NT	CR RADS	MFI	0/19
Lymphocytic choriomeningitis virus (LCM)	Annually	11/2016	NT	CR RADS	MFI	0/19
Mouse adenovirus type 1 (FL)	Annually	11/2016	NT	CR RADS	MFI	0/19
Mouse adenovirus type 2 (K87)	Annually	11/2016	NT	CR RADS	MFI	0/19
Mouse cytomegalovirus (MCMV)	Annually	11/2016	NT	CR RADS	MFI	0/19
Reovirus type 3 (REO-3)	Annually	11/2016	NT	CR RADS	MFI	0/19
NS 1	3 months	11/2016	0/19	CR RADS	MFI	0/38
Murine norovirus (MNV)	3 months	11/2016	7/19	CR RADS	MFI	53/108

	Test frequency	Latest test date	Latest results	Testing TAU,CR	Test method	Historical result(≤21Mnt)
Bacteria, mycoplasma and fungi						
Mycoplasma Pulmonis - Mouse	Annually	11/2016	NT	CR RADS	MFI	0/70
Bordetella bronchoseptica (Nasopharynx and Lung)	3 months	11/2016	0/19	TAU	CULT	0/108
Citrobacter Rodentium (Intestine – feces)	3 months	11/2016	0/19	TAU	CULT	0/108
Clostridium piliforme (Tyzzer's disease)	Annually	11/2016	NT	CR RADS	MFI	0/70
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine)	3 months	11/2016	0/19	TAU	CULT	0/108
Klebsiella pneumoniae (Nasoand Lung)	3 months	11/2016	0/19	TAU	CULT	0/108
Pasteurella pneumotropica (Nasopharynx and Lung)	3 months	11/2016	5/19	TAU	CULT	25/108
Pseudomonas aeruginosa (Naso&Lung)	3 months	11/2016	0/19	TAU	CULT	0/108
Salmonella spp.(Intestine -feces)	3 months	11/2016	0/19	TAU	CULT	0/108
Staphylococcus aureus (Skin, Nasopharynx & Lung)	3 months	11/2016	0/19	TAU	CULT	2/108
Streptococci β-haemolytic (not group D)	3 months	11/2016	0/19	TAU	CULT	0/108
Streptococcus pneumoniae (Naso&Lung)	3 months	11/2016	0/19	TAU	CULT	0/108
Helicobacter spp	3 months	11/2016	2/19	TAU	PCR	8/108
Streptobacillus moniliformis (Naso)	3 months	11/2016	0/19	TAU	CULT	0/108
Dermatophytes (Skin)	3 months	11/2016	0/19	TAU	CULT	0/108
Corynebacterium bovis (Skin)	3 months	11/2016	0/19	TAU	CULT	0/108
Pneumocytis carinii (nude lung)	Annually	11/2016	NT	TAU	PCR	0/2
Parasites						
Ectoparasites: Fur mites	3 months	11/2016	0/19	TAU	MICR	0/108
Endoparasites: Pinworms	3 months	11/2016	0/19	TAU	MICR	0/108
Opportunistic protozoa	3 months	11/2016	0/19	TAU	MICR	0/108
Nonpathogenic protozoa:						
Chilomastix sp	3 months	11/2016	9/19	TAU	MICR	46/108
Entamoeba sp	3 months	11/2016	7/19	TAU	MICR	45/108
Trichomonads	3 months	11/2016	9/19	TAU	MICR	36/108
Pathological lesions observed	3 months	11/2016	0/19	TAU	MACRO	0/108

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

Parasitology: 9 mice were found positive for *Trichomonads*, *Chilomastix*, *Entamoeba muris*

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

PCR: 2 mice were found positive for ***Helicobacter hepaticus*** - room 307 (4); 409 (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.

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