

המרכז לשירות וטרינרי

The Veterinary Service Center

Sentinel Diagnostic Laboratory

Health Monitoring Report
in Accordance with FELASA Recommendations

Location: Life Sciences
Species: Mouse (sentinel)

Housing: Conventional Unit
Strain: ICR (F) 10 weeks age

Date of issue 7/2016

	Test frequency	Latest test date	Latest results	Testing lab Radil-C.R,TAU	Test method	Historical results (≤18 months)
Viruses						
Mouse hepatitis virus (MHV)	6 months	7/2016	1/3	C.R	IFA,MFI	2/11
Mouse rotavirus (EDIM)	6 months	7/2016	0/3	"	MFI	0/11
Parvoviruses						
Minute virus of mice (MVM)	6 months	7/2016	0/3	"	MFI	0/11
Mouse parvovirus (MPV1, 2, 5)	6 months	7/2016	0/3	"	MFI,IFA	0/11
NS-1	6 months	7/2016	0/3	"	MFI,IFA	0/11
Sendai virus	Annually	7/2016	NT	"	MFI	0/8
Theiler's murine encephalomyelitis virus (TMEV)	6 months	7/2016	NT	"	MFI	0/8
Ectromelia virus	Annually	7/2016	NT	"	MFI	0/8
Lymphocytic choriomeningitis virus (LCM)	Annually	7/2016	NT	"	MFI	0/8
Mouse adenovirus type 1 (FL)	Annually	7/2016	NT	"	MFI	0/8
Mouse adenovirus type 2 (K87)	Annually	7/2016	NT	"	IFA	0/8
Mouse cytomegalovirus (MCMV)	Annually	7/2016	NT	"	MFI	0/8
Reovirus type 3 (REO-3)	Annually	7/2016	NT	"	MFI	0/8
Pneumonia virus of mice (PVM)	Annually	7/2016	NT	"	MFI	0/8
Hantavirus (Mouse/Rat)	Annually	7/2016	NT	"	MFI	0/8
Murine Norovirus (MNV)	6 months	7/2016	1/3	"	MFI	4/11

	Test frequency	Latest test date	Latest results	Testing lab Radil-C.R&TAU	Test method	Historical result(≤18Mnt)
Bacteria, mycoplasma and fungi						
CILIA- Assoc. Resp. Bacillus (CARB) of Mouse	Annually	7/2016	NT	"	MFI	0/0
Mycoplasma Pulmonis-Mouse	Annually	7/2016	NT	"	MFI&IFA	0/8
Bordetella bronchoseptica (Nasopharynx)	6 months	7/2016	0/3	TAU	CULT	0/11
Citrobacter rodentium (feces)	6 months	7/2016	0/3	"	CULT	0/11
Clostridium piliforme (Tyzzer's disease)	Annually	7/2016	NT	"	MFI	0/8
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine)	6 months	7/2016	0/3	"	CULT	0/11
Klebsiella pneumoniae (Nasopharynx)	6 months	7/2016	0/3	"	CULT	0/11
Corynebacterium bovis (skin)	6 months	7/2016	0/3	"	CULT	0/11
Pasteurellaceae (Nasopharynx)	6 months	7/2016	0/3	"	CULT	0/11
Pseudomonas aeruginosa-Nasopharynx	6 months	7/2016	0/3	"	CULT	0/11
Salmonella spp.(Intestine -feces)	6 months	7/2016	0/3	"	CULT	0/11
Staphylococcus aureus (Skin, Nasopharynx and Lung)	6 months	7/2016	0/3	"	CULT	0/11
Streptococci β-haemolytic (not group D) (Nasopharynx and Lung)	6 months	7/2016	0/3	"	CULT	0/11
Streptococcus pneumonia(naso						0/11
	6 months	7/2016	0/3	"	CULT	
Helicobacter spp. (Intestine -feces)	6 months	7/2016	0/3	"	PCR	0/11
Streptobacillus moniliformis (Nasopharynx)	6 months	7/2016	0/3	"	CULT	0/11
Dermatophytes (Skin)	6 months	7/2016	0/3	"	CULT	0/11
Parasites						
Ectoparasites: Fur mites	6 months	7/2016	0/3	"	MICR	0/11
Encephalitozoon cuniculi (sporozoan)	Annually	7/2016	NT	Idexx Radil	MFI	0/0
Endoparasites: Syphacia obvelata	6 months	7/2016	0/3	TAU	MICR	0/11
Opportunistic protozoa	6 months	7/2016	0/3	"	MICR	0/11
Nonpathogenic protozoa	6 months	7/2016	2/3	"	MICR	0/11
Pathological lesions observed	6 months	7/2016	0/3	"	MAC	0/11

Data are expressed as number positive/number tested

Abbreviations used in this report:

ELISA=enzyme linked immunosorbent assay, MICR=microscopy, MAC= macroscopic

IFA=immunofluorescence assay ,MFI= multiplex fluorescent immunoassay, CULT=culture,

PCR=polymerase chain reaction, NT=not tested

Tests were conducted in TAU & Radil laboratories

Conclusions of the latest results

On serology: One mouse (21 room) was expressed **MNV** antibodies and one mouse (8, 9 room) was expressed **MHV** antibodies.

On PCR: Negative results for *Helicobacter spp*

On parasitology: Micro fauna

On Bacteriology: Micro flora

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.

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
Animal Facility
Sackler Faculty of Medicine
Tel-Aviv University
Office: +972-3-6405137
Cell: +972-54-5671456
Fax: +972-3-6409160