

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: 2/2015

	Test frequency	Latest test date	Latest results	Testing lab Radil,TAU	Test method	Historical results (≤37 months)
Viruses						
Mouse hepatitis virus (MHV)	6 months	2/2015	0/4	Idexx Radil	IFA,MFI	9/31
Mouse rotavirus (EDIM)	6 months	2/2015	0/4	"	MFI	0/31
Parvoviruses						
Minute virus of mice (MVM)	6 months	2/2015	0/4	"	MFI	0/27
Mouse parvovirus (MPV)	6 months	2/2015	0/4	"	MFI,IFA	0/27
Pneumonia virus of mice (PVM)	6 months	2/2015	0/4	"	MFI,IFA	0/27
Sendai virus	6 months	2/2015	0/4	"	MFI	0/27
Theiler's murine encephalomyelitis virus (TMEV)	6 months	2/2015	0/4	"	MFI	2/31
Ectromelia virus	Annually	2/2015	0/4	"	MFI	0/21
Lymphocytic choriomeningitis virus (LCM)	Annually	2/2015	0/4	"	MFI	0/21
Mouse adenovirus type 1 (FL)	Annually	2/2015	0/4	"	MFI	0/15
Mouse adenovirus type 2 (K87)	Annually	2/2015	0/4	"	IFA	2/15
Mouse cytomegalovirus (MCMV)	Annually	2/2015	0/4	"	MFI	0/21
Reovirus type 3 (REO-3)	Annually	2/2015	0/4	"	MFI	0/21
Mouse Polyoma Virus (PyV)	Annually	2/2015	0/4	"	MFI	0/21
Hantavirus (Mouse/Rat)	Annually	2/2015	NT	"	MFI	0/13
Murine Norovirus (MNV)	Annually	2/2015	1/4	"	MFI	6/19

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Bacteria, mycoplasma and fungi						
CILIA- Assoc. Resp. Bacillus (CARB) of Mouse	Annually	2/2015	NT	"	MFI	0/6
Mycoplasma Pulmonis-Mouse	6 months	2/2015	0/4	"	MFI&IFA	0/31
Bordetella bronchoseptica (Nasopharynx)	6 months	2/2015	0/4	TAU	CULT	0/31
Citrobacter rodentium (feces)	6 months	2/2015	0/4	"	CULT	0/25
Clostridium piliforme (Tyzzer's disease)	6 months	2/2015	0/4	"	MFI	0/31
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine)	6 months	2/2015	0/4	"	CULT	0/31
Klebsiella pneumoniae (Nasopharynx)	6 months	2/2015	0/4	"	CULT	0/31
Corynebacterium bovis (skin)	6 months	2/2015	0/4	"	CULT	0/31
Pasteurellaceae (Nasopharynx)	6 months	2/2015	0/4	"	CULT	3/31
Pseudomonas aeruginosa-Nasopharynx	6 months	2/2015	0/4	"	CULT	0/31
Salmonella spp.(Intestine -feces)	6 months	2/2015	0/4	"	CULT	0/31
Staphylococcus aureus (Skin, Nasopharynx and Lung)	6 months	2/2015	0/4	"	CULT	0/31
Streptococci β-haemolytic (not group D) (Nasopharynx and Lung)	6 months	2/2015	0/4	"	CULT	0/31
Streptococcus pneumoniae (Nasopharynx and Lung)	6 months	2/2015	0/4	"	CULT	0/31
Helicobacter spp. (Intestine -feces)	6 months	2/2015	0/4	"	PCR	15/31
Streptobacillus moniliformis (Nasopharynx)	6 months	2/2015	0/4	"	CULT	0/31
Dermatophytes (Skin)	6 months	2/2015	0/4	"	CULT	0/31
Parasites						
Ectoparasites: Fur mites	6 months	2/2015	0/4	"	MICR	2/27
Encephalitozoon cuniculi (sporozoan)	6 months	2/2015	NT	Idexx Radil	MFI	0/19
Endoparasites: Syphacia obvelata	6 months	2/2015	0/4	TAU	MICR	5/27
Opportunistic protozoa	6 months	2/2015	0/4	"	MICR	0/27
Nonpathogenic protozoa	6 months	2/2015	3/4	"	MICR	3/16
Pathological lesions observed	6 months	2/2015	0/4	"	MAC	5/27

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

On PCR: Negative results for *Helicobacter sp*

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.

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