

Health Monitoring Report in Accordance with FELASA Recommendations

Location: **Life Sciences TAU**

Housing: **Britannia building**

Samples collection: **12/07/2020**

Species: **Mouse sentinel**

Strain: **ICR females**

Date of report: **22/07/2020**

Health report: **3 mice FELASA Quarterly**

	Test frequency	Latest test date	Latest result	Testing laboratory TAU, CR	Test method	Historical results (6 months) positive/tested
Viruses						
Mouse hepatitis virus (MHV)	6 months	07/2020	0/3	CR	IFA	1/6
Mouse rotavirus (EDIM-ROTA-A)	6 months	07/2020	0/3	CR	MFI	0/6
Minute virus of mice (MVM)	6 months	07/2020	0/3	CR	MFI	0/6
Mouse parvovirus (MPV-1,-2,-5)	6 months	07/2020	0/3	CR	MFI	0/6
Pneumonia virus of mice (PVM)	Annually		NT	CR	MFI	0/3
Sendai virus (SEND)	Annually		NT	CR	MFI	0/3
Theiler's murine encephalomyelitis virus (TMEV-GDVII)	6 months	07/2020	0/3	CR	MFI,IFA	0/6
Ectromelia virus (ECTRO)	Annually		NT	CR	MFI	0/3
Lymphocytic choriomeningitis virus (LCMV)	Annually		NT	CR	MFI	0/3
Mouse adenovirus type 1 (FL-MAV-1)	Annually		NT	CR	MFI	0/3
Mouse adenovirus type 2 (K87-MAV-2)	Annually		NT	CR	MFI	0/3
Mouse cytomegalovirus (MCMV)	Annually		NT	CR	MFI	0/3
Reovirus type 3 (REO)	Annually		NT	CR	MFI	0/3
Parvovirus (NS-1)	6 months	07/2020	0/3	CR	MFI	0/6
Murine norovirus (MNV)	6 months	07/2020	0/3	CR	MFI	0/3
Bacteria, mycoplasma and fungi						
Mycoplasma pulmonis (MPUL)-Mouse	Annually		NT	CR	MFI	0/3
Bordetella bronchiseptica (Nasopharynx, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Citrobacter rodentium (Intestine, feces)	6 months	07/2020	0/3	TAU	CULT	0/6
Clostridium piliforme (CPIL, Tyzzer's disease)	Annually		NT	CR	MFI	0/3
Corynebacterium kutcheri (Nasopharynx, lung, intestine)	6 months	07/2020	0/3	TAU	CULT	0/6
Klebsiella pneumoniae (Naso, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Klebsiella oxytoca (Intestine, feces)	6 months	07/2020	0/3	TAU	CULT	0/6
Pasteurellaceae (Naso, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Pasteurella pneumotropica						
Pseudomonas aeruginosa (Naso, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Salmonella spp. (Intestine, feces)	6 months	07/2020	0/3	TAU	CULT	0/6
Staphylococcus aureus (Skin, naso, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Streptococci β -haemolytic (not group D)	6 months	07/2020	0/3	TAU	CULT	0/6
Streptococcus pneumoniae (Naso, lung)	6 months	07/2020	0/3	TAU	CULT	0/6
Helicobacter spp.	6 months		NT*	TAU	PCR	NT
Streptobacillus moniliformis (Naso)	6 months	07/2020	0/3	TAU	CULT	0/6
Dermatophytes (Skin)	6 months	07/2020	0/3	TAU	CULT	0/6
Corynebacterium bovis (Skin)	6 months	07/2020	0/3	TAU	CULT	0/6
Pneumocystis carinii (Nude lung)	Annually		NT	CR	PCR	NT

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Parasites						
Ectoparasites: Fur mites	6 months	07/2020	0/3	TAU	MICR	0/6
Endoparasites: Pinworms	6 months	07/2020	0/3	TAU	MICR	2/6
Opportunistic protozoa	6 months	07/2020	0/3	TAU	MICR	0/6
Nonpathogenic protozoa: Chilomastix, Entamoeba, Trichomonas	6 months	07/2020	Present	TAU	MICR	Present
Pathological lesions						
	6 months	07/2020	0/3	TAU	MACRO	0/6

Data are expressed as number positive/number tested

Abbreviations used in this report: ELISA=enzyme linked immunosorbent assay; MICR=microscopy; MACRO=macroscopic; IFA=immunofluorescence assay; MFI=multiplex fluorescent immunoassay; CULT=culture; PATH=gross pathology; PCR=polymerase chain reaction; HIST=histopathology; NT=not tested; TAU=Tel Aviv University lab; CR=Charles River lab

Summary

Serology: sentinel mice were negative for all tested viruses according to FELASA panel.

Bacteriology: the mice were negative for all tested pathogens.

*We consider mice samples positive for *Helicobacter* spp.

Parasitology: sentinel mice samples were negative for fur mites (ectoparasites) and pinworms (endoparasites).

Pathology: no observed lesions.

Notes: *Viridans* group α -*Streptococcus*, coagulase negative *Staphylococcus* sp., *Enterococcus* sp., *Lactobacillus* spp., *Lactococcus* sp. and *Escherichia coli* are all common components of the microbiota. *Trichomonas*, *Chilomastix* and *Entamoeba* are all common intestinal protozoa.

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