

Health Monitoring Report in Accordance with FELASA Recommendations

Location: **Life Sciences TAU**

Housing: **Britannia building**

Samples collection: **05/07/2021**

Species: **Mouse sentinel**

Strain: **ICR females**

Date of report: **21/07/2021**

Health report: **3 mice FELASA Quarterly**

	Test frequency	Latest results positive/tested	Testing laboratory TAU, CR	Test method	Historical results positive/tested	
					Jul 2020	Jan 2021
Viruses		Jul 2021			Jul 2020	Jan 2021
Mouse hepatitis virus (MHV)	6 months	0/2	CR	IFA	0/3	0/2
Mouse rotavirus (EDIM-ROTA-A)	6 months	0/2	CR	MFIA	0/3	0/2
Minute virus of mice (MVM)	6 months	0/2	CR	MFIA	0/3	0/2
Mouse parvovirus (MPV-1,-2,-5)	6 months	0/2	CR	MFIA	0/3	0/2
Pneumonia virus of mice (PVM)	Annually	NT	CR	MFIA	NT	0/2
Sendai virus (SEND)	Annually	NT	CR	MFIA	NT	0/2
Theiler's murine encephalomyelitis virus (TMEV-GDVII)	6 months	0/2	CR	MFIA,IFA	0/3	0/2
Ectromelia virus (ECTRO)	Annually	NT	CR	MFIA	NT	0/2
Lymphocytic choriomeningitis virus (LCMV)	Annually	NT	CR	MFIA	NT	0/2
Mouse adenovirus type 1,2 (FL-MAV-1, K87-MAV-2)	Annually	NT	CR	MFIA	NT	0/2
Mouse cytomegalovirus (MCMV)	Annually	NT	CR	MFIA	NT	0/2
Reovirus type 3 (REO)	Annually	NT	CR	MFIA	NT	0/2
Generic parvovirus (NS-1)	6 months	0/2	CR	MFIA	0/3	0/2
Murine norovirus (MNV)	6 months	NT*	CR	MFIA	0/3	NT
Bacteria, mycoplasma and fungi		Jul 2021			Jul 2020	Jan 2021
Mycoplasma pulmonis (MPUL)-Mouse	Annually	NT	CR	MFIA	NT	0/2
Bordetella bronchiseptica (Nasopharynx, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Citrobacter rodentium (Intestine, feces)	6 months	0/2	TAU	CULT	0/3	0/2
Clostridium piliforme (CPIL, Tyzzer's disease)	Annually	NT	CR	MFIA	0/3	0/2
Corynebacterium kitchneri (Nasopharynx, lung, intestine)	6 months	0/2	TAU	CULT	0/3	0/2
Klebsiella pneumoniae (Naso, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Klebsiella oxytoca (Intestine, feces)	6 months	0/2	TAU	CULT	0/3	0/2
Pasteurellaceae, Pasteurella pneumotropica (Naso, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Pseudomonas aeruginosa (Naso, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Salmonella spp. (Intestine, feces)	6 months	0/2	TAU	CULT	0/3	0/2
Staphylococcus aureus (Skin, naso, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Streptococci β -haemolytic (not group D)	6 months	0/2	TAU	CULT	0/3	0/2
Streptococcus pneumoniae (Naso, lung)	6 months	0/2	TAU	CULT	0/3	0/2
Helicobacter spp.	6 months	NT**	TAU	PCR	0/3	0/2
Streptobacillus moniliformis (Naso)	6 months	0/2	TAU	CULT	0/3	0/2
Dermatophytes (Skin)	6 months	0/2	TAU	CULT	0/3	0/2
Corynebacterium bovis (Skin)	6 months	0/2	TAU	CULT	0/3	0/2
Pneumocystis carinii (Nude lung)	Annually	NT	CR	PCR	NT	NT

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

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; MFIA=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; IN=result interpreted as non-specific because not confirmed by alternative serologic assay or diagnostic methodology for other serologic assays

Summary

Serology: Sentinel mice samples were negative for all tested viruses.

*We consider serology mice test positive for Murine norovirus (MNV).

Bacteriology: tested 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 gross signs.

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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