



**Health Monitoring Report  
 In Accordance with FELASA Recommendations**

Location: Medicine Faculty      Housing: Conventional Unit      Date of issue: January 2017  
 Species: Mouse                      Mouse Strain: ICR

	Test frequency	Latest test date	Latest results	Testing TAU, CR	Test method	Historical results (≤35months)
<b>Viruses</b>						
Mouse hepatitis virus (MHV)	6 months	1.2017	4/9	CR RADS	IFA	26/41
Mouse rotavirus (EDIM)	6 months	1.2017	0/9	CR RADS	MFI	0/41
<b>Parvoviruses</b>						
Minute virus of mice (MVM)	6 months	1.2017	0/9	CR RADS	MFI	0/41
Mouse parvovirus (MPV 1,2,5)	6 months	1.2017	0/9	CR RADS	MFI	0/41
Pneumonia virus of mice (PVM)	Annually	1.2017	0/9	CR RADS	MFI	0/34
Sendai virus	Annually	1.2017	0/9	CR RADS	MFI	0/34
Theiler's murine encephalomyelitis virus (TMEV)	6 months	1.2017	0/9	CR RADS	MFI,IFA	0/41
Ectromelia virus	Annually	1.2017	0/9	CR RADS	MFI	0/28
Lymphocytic choriomeningitis virus (LCMV)	Annually	1.2017	0/9	CR RADS	MFI	0/28
Mouse adenovirus type 1 (FL)	Annually	1.2017	0/9	CR RADS	MFI	0/28
Mouse adenovirus type 2 (K87)	Annually	1.2017	0/9	CR RADS	MFI	0/28
Mouse cytomegalovirus (MCMV)	Annually	1.2017	NT	CR RADS	MFI	0/19
Provirus type 3 (REO-3)	Annually	1.2017	0/9	CR RADS	MFI	0/28
NS 1	6 months	1.2017	0/9	CR RADS	MFI	0/16
Murine norovirus (MNV)	6 months	1.2017	5/9	CR RADS	MFI	12/35

	Test frequency	Latest test date	Latest results	Testing lab	Test method	Historical result(≤35Mnt)
<b>Bacteria, mycoplasma and fungi</b>						
CILIA- Assoc. Resp. Bacillus (CARB)	Annually	1.2017	NT	CR RADS	ELISA	
Mycoplasma Pulmonis-Mouse	Annually	1.2017	1/9	CR RAD	MFI	1/34
Bordetella bronchoseptica (Naso&Lung)	6 months	1.2017	0/9	TAU	CULT	0/41
Citrobacter rodentium (Intestine – feces)	6 months	1.2017	0/9	TAU	CULT	0/41
Clostridium piliforme	Annually	1.2017	0/9	CR RADS	MFI	0/41
Corynebacterium kutscheri (Nasopharynx, Lung and Intestine )	6 months	1.2017	0/9	TAU	CULT	0/41
Klebsiella pneumoniae (Naso&Lung)	6 months	1.2017	0/9	TAU	CULT	0/41
Klebsiella oxytoca	6 months	1.2017	0/9	TAU	CULT	1/41
Pasteurellaceae (Nasopharynx and Lung)	6 months	1.2017	5/9	TAU	CULT	8/41
Pseudomonas aeruginosa (Naso&Lung)	6 months	1.2017	0/9	TAU	CULT	0/41
Salmonella spp.(Intestine -feces)	6 months	1.2017	0/9	TAU	CULT	0/41
Staphylococcus aureus(Skin, Naso-Lung)	6 months	1.2017	0/9	TAU	CULT	1/41
Streptococci β-haemolytic (Naso&Lung)	6 months	1.2017	0/9	TAU	CULT	0/41
Streptococcus pneumoniae(Nasopharynx)	6 months	1.2017	0/9	TAU	CULT	0/41
Helicobacter spp. (Intestine -feces)	6 months	1.2017	5/9	TAU	PCR	11/41
Streptobacillus moniliformis	6 months	1.2017	0/9	TAU	CULT	0/41
Dermatophytes (Skin)	6 months	1.2017	0/9	TAU	CULT	0/41
Corynebacterium bovis (Skin)	6 months	1.2017	0/9	TAU	CULT	0/41
<b>Parasites</b>						
Ectoparasites: Fur mites	6 months	1.2017	0/9	TAU	MICR	0/41
Endoparasites: Pinworms	6 months	1.2017	1/9	TAU	MICR	1/41
Opportunistic Protozoa	6 months	1.2017	0/9	TAU	MICR	0/41
Non Pathogenic Protozoa	6 months	1.2017	5/9	TAU	MICR	22/41
Encephalitozoon cuniculi (sporozoan)	6 months	1.2017	NT	CR RAD	ELISA	0/25
<b>Pathological lesions observed</b>	6 months	1.2017	0/11	TAU	MAC	0/41

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 in Charles River & TAU laboratories

### Conclusions of the latest results

The latest test includes five sentinels and four sick mice (one sick mouse from 9<sup>th</sup> floor and three sick mice from 10<sup>th</sup> floor).

Sentinels of 7<sup>th</sup>, 9<sup>th</sup> floors and imaging room are missing in the latest test, will test in the next two months.

**On serology:** Four mice (11<sup>th</sup> 10<sup>th</sup> floor) were expressed **MHV** antibodies, five mice (11<sup>th</sup> 10<sup>th</sup> 8<sup>th</sup> 6<sup>th</sup> floor) were expressed **MNV** antibodies and one sick mouse was expressed **Mycoplasma pulmonis** antibodies (9<sup>th</sup> floor).

**On PCR:** Five mice (10<sup>th</sup> 9<sup>th</sup> 4<sup>th</sup> floor) were found positive for **Helicobacter hepaticus**.

**On parasitology:** One sick mouse (9<sup>th</sup> floor) was found positive for **Syphacia obvelata**

**On bacteriology:** Five mice (11<sup>th</sup> 10<sup>th</sup> 9<sup>th</sup> 6<sup>th</sup> floor) were found positive for **Pasteurella pneumotropica**.

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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