

National Laboratory Animal Center, Mahidol University (NLAC-MU)

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Health Monitoring Report

“SPF animals from NLAC-MU colony have been maintained in **maximum barrier facilities**, required the **superior status** or above, by well trained personnel and laboratory animal caretakers, under supervision of the qualified veterinarian. In-house health monitoring is **quarterly** provided by the **Quality Control**. The microbiological lists are notified in **Specific pathogens list and category** (available on NLAC-MU website)”

This report is issued to on..... and is applied as health status indication of the following laboratory animals, supplied by the NLAC-MU barrier control facility.

Animal: **Mouse** Species: *Mus musculus* Outbred Stock: **Mlac:ICR**

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Jul 24 – Jun 25	Apr 25 – Jun 25	Jul 25 – Sep 25
Sampling						
VIRUSES						
Ectromelia virus (ECTRO)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Hanta virus (HANT)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Lymphocytic choriomeningitis virus (LCMV)	IFA	Random	Quarterly	0/40	0/40	0/10
Minute virus of mice (MVM)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Mouse Adenovirus type (FL)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Mouse Adenovirus type (K87)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Mouse Cytomegalovirus (MCMV)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Mouse hepatitis virus (MHV)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Mouse Parvovirus	PCR	Random	Quarterly	0/40	0/40	0/10
Mouse polyoma virus	IFA	Random	Quarterly	0/40	0/40	0/10
Mouse rotavirus (EDIM)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Murine Norovirus	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Pneumonia virus of mice (PVM)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Reovirus type 3	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
Sendai virus (SEND)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Jul 24 – Jun 25	Apr 25 – Jun 25	Jul 25 – Sep 25
Sampling						
Theiler's murine-encephalomyelitis virus	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
BACTERIA						
<i>Bordetella bronchiseptica</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
CAR Bacillus	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
<i>Citrobacter rodentium</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Clostridium piliforme</i>	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
<i>Corynebacterium bovis</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
	PCR	Random	Quarterly	0/40	0/40	0/10
<i>Corynebacterium kutscheri</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Helicobacter spp.</i>	PCR	Random	Quarterly	0/40	0/40	0/10
<i>Helicobacter hepaticus</i>	PCR	Random	Quarterly	NA	NA	NA
<i>Helicobacter rodentium</i>	PCR	Random	Quarterly	NA	NA	NA
<i>Helicobacter bilis</i>	PCR	Random	Quarterly	NA	NA	NA
<i>Helicobacter typhlonius</i>	PCR	Random	Quarterly	NA	NA	NA
<i>Klebsiella oxytoca</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Klebsiella pneumoniae</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Mycoplasma pulmonis</i> (MPUL)	ELISA/IFA	Random	Quarterly	0/40	0/40	0/10
	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Pasteurella multocida</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Pasteurella pneumotropica</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Pseudomonas aeruginosa</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Salmonella spp</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Streptobacillus moniliformis</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
	PCR	Random	Quarterly	0/40	0/40	0/10
Streptococci β -haemolytic (not group D)	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Streptococcus pneumoniae</i>	Cultivation	Random	Quarterly	0/40	0/40	0/10
FUNGI						
Dermatophytes	Cultivation	Random	Quarterly	0/40	0/40	0/10
<i>Pneumocystis murina</i>	PCR	Random	Quarterly	0/40	0/40	0/10

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Jul 24 – Jun 25	Apr 25 – Jun 25	Jul 25 – Sep 25
PARASITES						
Ectoparasites	Microscopy	Random	Quarterly	0/40	0/40	0/10
Endoparasites	Microscopy	Random	Quarterly	0/40	0/40	0/10

Ranking of the current status

Superior

Excellent

Good

Remarks:

Superior is no positive result in all categories, **excellent** is no positive result of pathogens in Category A, B, C and E, **good** is no positive result of pathogens in category A, B and E.

* The test results are represented in the **number of positive Samples / Number of tested samples**

** Optional testing

NA= Not Available

ELISA=Enzyme-linked Immunosorbent Assay

IFA= Indirect Fluorescent Antibody

PCR=Polymerase Chain Reaction

Positive results from ELISA technique were confirmed by IFA.

Signature: _____, DVM

Veterinarian

Signature: _____

NLAC-MU Director