

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

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### Health Monitoring Report

*"Monitored animals from NLAC-MU colony have been maintained in **Low barrier facilities**, required the excellent status or above 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: Rat      Species: *Rattus norvegicus*      Outbred stock: Mlac:SD

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Sampling	Jan 24 – Dec 24	Oct 24 – Dec 24
<b>VIRUSES</b>						
Hantaviruses	ELISA/IFA	Random	Annually	NA	NA	0/10
Sialodacryoadenitis virus	ELISA/IFA	Random	Quarterly	NA	NA	0/10
Sendai virus (SEND)	ELISA/IFA	Random	Quarterly	NA	NA	0/10

### BACTERIA

<i>Bordetella bronchiseptica</i>	Cultivation	Random	Quarterly	0/40	NA	0/10
<i>Clostridium piliforme</i>	ELISA/IFA	Random	Quarterly	NA	NA	0/10
<i>Corynebacterium kutscheri</i>	Cultivation	Random	Quarterly	0/40	NA	0/10
<i>Klebsiella oxytoca</i>	Cultivation	Random	Quarterly	0/20	NA	0/10
<i>Klebsiella pneumoniae</i>	Cultivation	Random	Quarterly	0/20	NA	0/10
<i>Mycoplasma pulmonis</i>	Cultivation	Random	Quarterly	0/40	NA	0/10
	ELISA/IFA	Random	Quarterly	NA	NA	0/10
<i>Pasteurella multocida</i>	Cultivation	Random	Quarterly	0/20	NA	0/10
<i>Pasteurella pneumotropica</i>	Cultivation	Random	Quarterly	33/40	NA	10/10
<i>Pseudomonas aeruginosa</i>	Cultivation	Random	Quarterly	0/40	NA	0/10
<i>Salmonella spp.</i>	Cultivation	Random	Quarterly	0/40	NA	0/10
<i>Staphylococcus aureus</i>	Cultivation	Random	Quarterly	0/40	NA	0/10

Pathogens	Test method	Group	Frequency	Historical results*		Previous Results*	Latest Results*
				Sampling	Jan 24 – Dec 24		
<i>Streptococci β -haemolytic</i> (not group D)	Cultivation	Random	Quarterly	0/20	NA	NA	0/10
<i>Streptococcus moniliformi</i>	PCR	Random	Quarterly	NA	NA	NA	0/10
	Cultivation	Random	Quarterly	0/20	NA	NA	0/10
<i>Streptococcus pneumoniae</i>	Cultivation	Random	Quarterly	0/40	NA	NA	0/10
<b>FUNGI</b>							
Dermatophytes	Cultivation	Random	Quarterly	0/40	NA	NA	0/10
<i>Pneumocystis carinii</i>	PCR	Random	Annually	NA	NA	NA	0/10
<b>PARASITES</b>							
Ectoparasites	Microscopy	Random	Quarterly	0/40	NA	NA	0/10
Endoparasites	Microscopy	Random	Quarterly	0/40	NA	NA	0/10

**Ranking of the current status**

Superior

Excellent

Good

**Remarks:**

The results revealed that *Pasteurella pneumotropica* was isolated (100.00%) with no clinical signs of disease and no other significant organism isolated.

**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

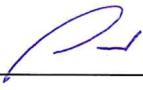
NA= Not Available

ELISA=Enzyme-linked Immunosorbent Assay

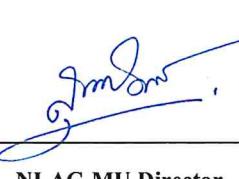
IFA= Indirect Fluorescent Antibody

PCR=Polymerase Chain Reaction

Last version: January 2025

Signature:   
\_\_\_\_\_, DVM

Veterinarian

Signature:   
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NLAC-MU Director