

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

999 PHUTTAMONTHON 4 RD., SALAYA, BUDDHAMONTHON, NAKHONPATHOM 73170, THAILAND.

TEL: (662) 441-9342, 441-9698 FAX: (662) 441-9341 E-Mail: [DIRECTAC@MAHIDOL.AC.TH](mailto:DIRECTAC@MAHIDOL.AC.TH)

### 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: <i>Rattus norvegicus</i>		Outbred stock: Mlac:SD		
Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
		Sampling		Jan 24 – Dec 24	Oct 24 – Dec 24	Jan 25 – Mar 25
<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>Streptobacillus moniliformis</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

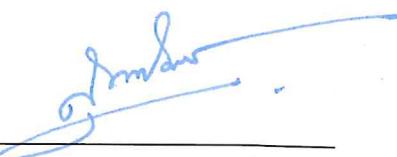
IFA= Indirect Fluorescent Antibody

PCR=Polymerase Chain Reaction

Last version: January 2025

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

Veterinarian

Signature:   
\_\_\_\_\_  
NLAC-MU Director