

## 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: **WMN/Nrs**

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Jan 25 – Dec 25	Oct 25 – Dec 25	Jan 26 – Mar 26
Sampling						
<b>VIRUSES</b>						
Hantaviruses	ELISA/IFA	Random	Annually	0/6	NA	0/6
Sialodacryoadenitis virus	ELISA/IFA	Random	Quarterly	0/30	0/6	0/6
Sendai virus (SEND)	ELISA/IFA	Random	Quarterly	0/30	0/6	0/6
<b>BACTERIA</b>						
<i>Bordetella bronchiseptica</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Clostridium piliforme</i>	ELISA/IFA	Random	Quarterly	0/30	0/6	0/6
<i>Corynebacterium kutscheri</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Klebsiella oxytoca</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Klebsiella pneumoniae</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Mycoplasma pulmonis</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
	ELISA/IFA	Random	Quarterly	0/30	0/6	0/6
<i>Pasteurella multocida</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Pseudomonas aeruginosa</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Rodentibacter</i>	Cultivation	Random	Quarterly	27/30	6/6	3/6
<i>pneumotropicus/heyltii</i>						
<i>Salmonella spp.</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6

Pathogens	Test method	Group Sampling	Frequency	Historical results*	Previous Results*	Latest Results*
				Jan 25 – Dec 25	Oct 25 – Dec 25	Jan 26 – Mar 26
<i>Streptococci β-haemolytic</i> (not group D)	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Streptobacillus moniliformis</i>	PCR	Random	Quarterly	0/24	0/6	0/6
	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Streptococcus pneumoniae</i>	Cultivation	Random	Quarterly	0/30	0/6	0/6
<b>FUNGI</b>						
Dermatophytes	Cultivation	Random	Quarterly	0/30	0/6	0/6
<i>Pneumocystis carinii</i>	PCR	Random	Annually	0/6	NA	0/6
<b>PARASITES</b>						
Ectoparasites	Microscopy	Random	Quarterly	0/36	0/6	0/6
Endoparasites	Microscopy	Random	Quarterly	0/36	0/6	0/6

**Ranking of the current status**

Superior

Excellent

Good

**Remarks:**

The results revealed that *Rodentibacter pneumotropicus/heyltii* was isolated (50.00%) 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: This method is an optional testing from routine method.

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