

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 toon..... 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: **SHR/Kyo**

Pathogens	Test method	Group	Frequency	Historical results*	Previous Results*	Latest Results*
				Jul 24 – Mar 25	Apr 25 – Jul 25	Jul 25 – Sep 25
Sampling						
VIRUSES						
Hantaviruses	ELISA/IFA	Random	Annually	NA	NA	0/6
Sialodacryoadenitis virus	ELISA/IFA	Random	Quarterly	0/12	0/6	0/6
Sendai virus (SEND)	ELISA/IFA	Random	Quarterly	0/12	0/6	0/6
BACTERIA						
<i>Bordetella bronchiseptica</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Clostridium piliforme</i>	ELISA/IFA	Random	Quarterly	0/12	0/6	0/6
<i>Corynebacterium kutscheri</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Klebsiella oxytoca</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Klebsiella pneumoniae</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Mycoplasma pulmonis</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
	ELISA/IFA	Random	Quarterly	0/12	0/6	0/6
<i>Pasteurella multocida</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Pasteurella pneumotropica</i>	Cultivation	Random	Quarterly	28/36	4/6	6/6
<i>Pseudomonas aeruginosa</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Salmonella spp.</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6

Pathogens	Test method	Group Sampling	Frequency	Historical results*	Previous Results*	Latest Results*
				Jul 24 – Mar 25	Apr 25 – Jul 25	Jul 25 – Sep 25
<i>Streptococci β-haemolytic</i> (not group D)	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Streptobacillus moniliformis</i>	PCR	Random	Quarterly	0/12	0/6	0/6
	Cultivation	Random	Quarterly	0/12	0/6	0/6
<i>Streptococcus pneumoniae</i>	Cultivation	Random	Quarterly	0/36	0/6	0/6
FUNGI						
Dermatophytes	Cultivation	Random	Quarterly	0/36	0/6	0/6
<i>Pneumocystis carinii</i>	PCR	Random	Annually	0/6	NA	NA
PARASITES						
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 *Pasteurella pneumotropica* was isolated (100%) 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

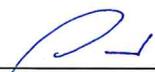
NA= Not Available

ELISA=Enzyme-linked Immunosorbent Assay

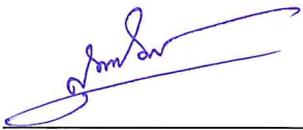
IFA= Indirect Fluorescent Antibody

PCR=Polymerase Chain Reaction

Last version: January 2025

Signature:  , DVM

Veterinarian

Signature: 

NLAC-MU Director