



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

Health Monitoring Report for Specific Pathogen Free; SPF Animals

“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 which is the short panel. The long panel is **annually** performed by reliable, international warrantable diagnostic laboratory. The microbiological lists for the short panel and long panel 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.

RAT

The SPF animals described here are WMN/Nrs rat. These following specific pathogens are subjected in term of our **short panel** which are somewhat categorized by their microbiological risk. For more information of the long panel's serology results see **Short panel's**

Serological Report.

Pathogens	Test method	Group Sampling	Frequency	Previous Results*	Latest Results*
				Oct 16 - Mar 17	Apr 17 - Jun 17
VIRUSES					
Sendai virus (SEND)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/5	0/3
Sialodacryoadenitis virus (SDAV)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/5	0/3
BACTERIA					
<i>Mycoplasma pulmonis</i> (MPUL)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/5	0/3
	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Clostridium piliforme</i>	ELISA	Sentinel/Random	Quarterly	0/5	0/3
<i>Salmonella spp.</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Bordetella bronchiseptica</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Corynebacterium kutscheri</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Pasteurella pneumotropica</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Streptococcus pneumoniae</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Pseudomonas aeruginosa</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
<i>Staphylococcus aureus</i>	Cultivation	Sentinel/Random	Quarterly	0/8	0/3



Pathogens	Test method	Group Sampling	Frequency	Previous Results*	Latest Results*
				Oct 16 - Mar 17	Apr 17 - Jun 17
FUNGI					
Dermatophytes	Cultivation	Sentinel/Random	Quarterly	0/8	0/3
PARASITES					
<i>Giardia muris</i>	Microscopy	Sentinel/Random	Quarterly	0/8	0/3
<i>Spirotrunculus muris</i>	Microscopy	Sentinel/Random	Quarterly	0/8	0/3
<i>Syphacia spp.</i>	Microscopy	Sentinel/Random	Quarterly	0/8	0/3
Ectoparasites	Microscopy	Sentinel/Random	Quarterly	0/8	0/3

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**

** From long panel's list

*** Optional testing

NA= Not Available

ELISA=Enzyme-linked Immunosorbent Assay

IFA= Indirect fluorescent antibody

MFIA= Multiplexed Fluorometric ImmunoAssay

ND = Not done

- Latest In-house ELISA testing results were added by this report.

Signature: _____, DVM

Veterinarian

Signature: Radit Sampat

NLAC-MU Director