

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

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### 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 to ..... on..... and is applied as health status indication of the following laboratory animals, supplied by the NLAC-MU barrier control facility.

#### MOUSE

The SPF animals described here are **BALB/cMlac** mice. 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 Test Results*	
				Oct 16 - Dec 16	Jan 17 - Mar 17
<b>VIRUSES</b>					
Sendai virus (SEND)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/7	0/4
Mouse hepatitis virus (MHV)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/7	0/4
<b>BACTERIA</b>					
<i>Mycoplasma pulmonis</i> (MPUL)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/7	0/4
	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Clostridium piliforme</i>	ELISA	Sentinel/Random	Quarterly	0/7	0/4
<i>Salmonella spp</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Citrobacter rodentium</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Corynebacterium kutscheri</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Pasteurella pneumotropica</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Streptococcus pneumoniae</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Pseudomonas aeruginosa</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<i>Staphylococcus aureus</i>	Cultivation	Sentinel/Random	Quarterly	0/7	0/14



Pathogens	Test method	Group Sampling	Frequency	Previous Test Results*	
				Oct 16 - Dec 16	Jan 17 - Mar 17
<b>FUNGI</b>					
Dermatophytes	Cultivation	Sentinel/Random	Quarterly	0/7	0/14
<b>PARASITES</b>					
<i>Giardia muris</i>	Microscopy	Sentinel/Random	Quarterly	0/7	0/14
<i>Spiromucleus muris</i>	Microscopy	Sentinel/Random	Quarterly	0/7	0/14
<i>Syphacia spp.</i>	Microscopy	Sentinel/Random	Quarterly	0/7	0/14
Ectoparasites	Microscopy	Sentinel/Random	Quarterly	0/7	0/14

**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**

\*\* 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: \_\_\_\_\_

NLAC-MU Director