

Health monitoring report
In accordance with FELASA recommendations

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Date of issue September 21 st , 2011	Location University of Oulu, Laboratory Animal Centre Research unit
Species sampled Mouse	Species present within the unit Mouse, rat, rabbit, pig, sheep
Sampling date September 13 th , 2011	Sampling system Sentinel animals
	Animal rooms sampled KO2, 023, 024, 025, 026, 027, 028
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Data are expressed as number of positive / number tested

	Historical results	Results 13.9.2011	Latest test date	Testing laboratory	Test method
Viruses					
Minute virus of mice	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse parvovirus	1 / 27 ¹	0 / 7	13.9.2011	SD	MFIA
Mouse parvovirus (caecums)	2 / 27 ²	0 / 7	13.9.2011	SD	PCR
Mouse parvovirus (room samples, pooled faeces)	0 / 20	0 / 7	13.9.2011	SD	PCR
Mouse hepatitis virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Pneumonia virus of mice	0 / 27	0 / 7	13.9.2011	SD	MFIA
Reovirus type 3	0 / 27	0 / 7	13.9.2011	SD	MFIA
Sendai virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Theiler's murine encephalomyelitis virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Ectromelia virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Lymphocytic choriomeningitis virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse adenovirus (Mad FL)	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse adenovirus (Mad K87)	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse rotavirus (EDIM)	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse cytomegalovirus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Hantaan virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Polyoma virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
K-virus	0 / 27	0 / 7	13.9.2011	SD	MFIA
Mouse norovirus	25 / 27	5 / 7	13.9.2011	SD	MFIA
Bacteria, mycoplasma and fungi					
<i>Bordetella bronchiseptica</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Campylobacter spp.</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Citrobacter rodentium</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Clostridium piliforme</i> (Tyzzer's disease)	0 / 27	0 / 7	13.9.2011	SD	MFIA
<i>Corynebacterium kutscheri</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Helicobacter spp.</i> (pooled faeces, 5 cages /sample)	4 / 20 ³	0 / 7	13.9.2011	SD	PCR
<i>Mycoplasma pulmonis</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
Pasteurellaceae	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Salmonella spp.</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Streptobacillus moniliformis</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
Streptococci b-haemolytic (not group D)	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Streptococcus pneumoniae</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
<i>Yersinia spp.</i>	0 / 27	0 / 7	13.9.2011	SD	CULT
Parasites					
Ectoparasites	0 / 27	0 / 7	13.9.2011	LAC	MICR
Endoparasites	Duodenum	0 / 27	0 / 7	FFSA	MICR
	Caecum	2 / 27 ⁴	0 / 7	FFSA	MICR
	Faecal helminth eggs	1 / 27 ⁵	0 / 7	FFSA	FLOT

^{1, 2, 3, 4 and 5} Positive findings in the health monitoring on September 4th, 2008. The research unit was emptied and disinfected in October 2009. Apart from norovirus, health monitoring results were all negative in February and October 2010

³ H. hepaticus H. rodentium and H. bilis.

^{4 and 5} Sphacacia sp.

Abbreviations used in this report:

CULT = Culture
FLOT = Faecal flotation method
MFIA = Multiplexed Fluorometric ImmunoAssay™
MICR = Microscopy
NT = not tested
PATH = Pathology
PCR = Polymerase Chain Reaction

Abbreviations for Laboratories:


LAC = Laboratory Animal Centre, University of Oulu
FFSA = Laboratory of the Finnish Food Safety Authority, Oulu
SD= Surrey Diagnostics Ltd, University of Surrey

Oulu, September 21st, 2011

Place And date



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