

Laboratory Animal Resource Center, Transborder Medical Research Center

University of Tsukuba



Microbiological monitoring report



Wing: A Wing

Animal species : Mouse

Area: F

Date of examination : 2024/10/29

Sentinels (Strain/Age/Sex/No. Anim): ICR /23w~ / female / 3 heads

Organisms	Methods	Materials	Results(positive/examined)								
			F-1	F-2	F-3	F-4	F-5	F-6* ²	F-7	F-8	F-9* ²
Sendai virus	ELISA	Serum	0/3* ¹	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
Mouse hepatitis virus	ELISA	Serum	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
LCM virus	IFA	Serum	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹	0/3(IF) ¹
Ectromelia virus	ELISA	Serum	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Mycoplasma pulmonis</i>	ELISA	Serum	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Clostridium piliforme</i>	ELISA	Serum	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Corynebacterium kutscheri</i>	Culture	Trachea/conjunctiva	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Salmonella</i> spp.	Culture	Cecal contents	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Citrobacter rodentium</i>	Culture	Cecal contents	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Helicobacter hepaticus</i>	PCR	Cecum(pooled)	0/3	0/3* ³	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Helicobacter bilis</i>	PCR	Cecum(pooled)	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
Ectoparasites	Microscopic test	Fur	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Spironucleus muris</i>	Microscopic test	Duodenal contents	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Giardia muris</i>	Microscopic test	Duodenal contents	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Syphacia</i> spp.	Microscopic test	Anus	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3
<i>Aspicularis tetraptera</i>	Microscopic test	Colonic contents	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3

Notes: *¹ No. positive / No. examined

*² Multiple whitish hepatic foci(<1mm in diameter) was observed one mouse. The mouse was negative for *Helicobacter hepaticus* and *Helicobacter bilis* by PCR.

*³ *Helicobacter* spp. (not *H. bilis* nor *H. hepaticus*) were detected.

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