

清华大学实验动物中心动物质量检测报告

Animal Health Report of Laboratory Animal Research Center, Tsinghua University

Room No. 209 Type: Breeding/Experiment Started from Oct 1, 2013 Species: Mice

检测项目 (Organism)	Sample Tested	Test Method	Aug 20 2018	May 30 2018	Feb 28 2018	Before Feb 2018
病毒 (VIRUSES)						
Sendai virus (SV)	Serum	ELISA	0/20	0/20	0/20	0/218
Mouse hepatitis virus (MHV)	Serum	ELISA	0/20	0/20	0/20	0/217
Pneumonia virus of mice (PVM)	Serum	ELISA	0/20	0/20	0/20	0/217
Mouse Reovirus 3 (Reo-3)	Serum	ELISA	0/20	0/20	0/20	0/217
Ectromelia virus (Ect)	Serum	ELISA	0/20	0/20	0/20	0/210
Minute virus of mice (MVM)	Serum	ELISA	0/20	0/20	0/20	0/217
Hantavirus (HANT)	Serum	ELISA	---	0/20	---	0/218
Theiler's Mouse Encephalomyelitis Virus (TMEV)	Serum	ELISA	0/20	---	0/20	0/218
Lymphocytic choriomeningitis (LCMV)	Serum	ELISA	0/20	---	0/20	0/210
Polyoma Virus (POLY)	Serum	ELISA	0/20	---	0/20	0/218
Mouse Adenovirus FL (MAD 1)	Serum	ELISA	0/20	---	0/20	0/209
Mouse Adenovirus K87 (MAD 2)	Serum	ELISA	---	0/20	---	0/209
Mouse Parvovirus (MPV)	Serum	ELISA	---	0/20	---	0/217
K Virus	Serum	ELISA	0/20	---	---	0/217
Mouse Cytomegalovirus (MCMV)	Serum	ELISA	---	---	---	0/209
Epizootic Diarrhea of Infant Mice (EDIM)	Serum	ELISA	---	0/20	---	0/217
Murine norovirus (MNV)	Serum	ELISA	19/61	---	2/20 ^{*8}	2/416 ^{*1*2*5}
Lactate dehydrogenase elevating virus (LDHV)	Serum	ELISA	---	0/20	---	---
细菌和支原体 (BACTERIA & MYCOPLASMA)						
沙门菌 (<i>Salmonella</i> spp.)	Ileocecus	Culture	0/20	0/20	0/20	0/219
肺支原体 (<i>Mycoplasma pulmonis</i> , MPUL)	Serum	ELISA	---	---	---	0/218
支原体 (<i>Mycoplasma</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/214
鼠棒状杆菌 (<i>Corynebacterium kutscheri</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/219
泰泽病原体 (<i>Tyzzers' organism</i> , CPIL)	Serum	ELISA	0/20	0/20	0/20	0/218
嗜肺巴斯德杆菌 (<i>Pasteurella pneumotropica</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/219
肺炎克雷伯杆菌 (<i>Klebsiella pneumoniae</i>)	Ileocecus	Culture	0/20	0/20	1/26 ^{*8}	0/219
金黄色葡萄球菌 (<i>Staphylococcus aureus</i>)	Ileocecus	Culture	0/20	0/20	0/20	0/219
绿脓杆菌 (<i>Pseudomonas aeruginosa</i>)	Ileocecus	Culture	0/20	0/20	0/20	0/219
多杀巴斯德杆菌 (<i>Pasteurella multocida</i>)	Ileocecus	Culture	---	---	---	0/40
支气管鲍特杆菌 (<i>Bordetella bronchiseptica</i>)	Serum	ELISA	---	---	---	0/20
乙型溶血性链球菌 (β -hemolytic streptococcus)	Respiratory Tract	Culture	---	---	0/20	0/40

<i>Cilia-Associated Respiratory Bacillus</i> (CARB)	Serum	ELISA	---	0/20	---	0/209
肺炎链球菌 (<i>Streptococcus pneumoniae</i>)	Respiratory Tract	Culture	---	---	0/20	0/40
单核细胞增生性李斯特杆菌 (<i>Listeria monocytogenes</i>)	Respiratory Tract Or Ileocecus	Culture	---	---	---	0/31
皮肤病原真菌 (<i>Pathogenic dermal fungi</i>)	Fur Scales	Culture	---	0/20	---	0/40
念珠状链杆菌 (<i>Streptobacillus moniliformis</i>)	Respiratory Tract	Culture	---	0/20	---	0/66
假结核耶尔森菌 (<i>Yersinia pseudotuberculosis</i>)	Ileocecus	Culture	---	0/20	---	0/66
小肠结肠炎耶尔森菌 (<i>Yersinia enterocolitica</i>)	Ileocecus	Culture	0/20	---	---	0/66
大肠埃希菌 O115 a,c:K(B) (<i>Escherichia coli</i> O115a,c:K(B))	Ileocecus	Culture	0/20	---	---	0/66
螺杆菌属 (<i>Helicobacter spp.</i>)	Cecum/ Serum	PCR/ ELISA	---	---	---	0/2
体内外寄生虫 (PARASITES & PROTOZOA)						
体外寄生虫 (Ectoparasites)	Scotch Tape	Micro	0/20	0/20	9/334 ^{*9}	1/222 ^{*3*6}
蠕虫 (All helminths)	Cecum	Micro	0/20	0/20	0/20	0/217
鞭毛虫 (Flagellates)	Duodenum & Cecum	Micro	23/219	0/20	0/20	1/222 ^{*4*7}
纤毛虫 (Ciliates)	Duodenum & Cecum	Micro	0/20	0/20	0/20	0/217
兔脑原虫 (<i>Encephalitozoon cuniculi</i> , ECUN)	Serum	ELISA	---	---	---	0/211
弓形虫 (<i>Toxoplasma gondii</i>)	Serum	ELISA	0/20	0/20	0/20	0/217

^{*1} The two sentinel mice in #1 Rack of Room 209 was found MNV positive in June 23th, 2015. All mice in #1 Rack are transferred to other room and have done bio-redeviation again.

^{*234} The sentinel mice in #1 Rack of R209 was found MNV positive in Dec 14th, 2015 again and #3 Rack of R209 was found fur mites. #6 Rack of R209 was found flagellates positive. The mice in the positive racks are transferred into R211.

^{*5} In February, 2016, random 86 cages of mice in R209 were tested MNV, the satisfied result proved that MNV was not occurred during last 3 months.

In Apr, 2016, random 107 cages of mice in R209 were tested MNV, and the results are all negative.

^{*67} In Mar, 2016, random 5 live mice were sent for testing fur mites and flagellates, and all negative.

^{*8} In Feb 28 2018, the sentinel mouse in #11 Rack of R209 was found *Klebsiella pneumonia* positive, while the sentinel mice from the same cage and random 5 live mice from #11 Rack were negative. At the same time, the sentinel mice of *12 and #5 Racks were found MNV positive.

^{*9} In Mar 9 2018, 9 mice on #12 Rack of R209 were found fur mites positive and random 174 mice from different cages in R209 were negative. All fur mites positive mice belongs to only one lab and their mice were transferred to R104 and rederived. On Apr 8 2018, random 140 mice were tested again and all negative.

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日期: 2018 年 9 月 20 日