

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.: 313 Type: Breeding Started from Aug 26, 2012 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	1/509*
Mouse hepatitis virus (MHV)	Serum	ELISA	0/20	0/20	0/20	3/655**
Pneumonia virus of mice (PVM)	Serum	ELISA	0/20	0/20	0/20	0/351
Mouse Reovirus 3 (Reo-3)	Serum	ELISA	0/20	0/20	0/20	0/351
Ectromelia virus (Ect)	Serum	ELISA	0/20	0/20	0/20	0/351
Minute virus of mice (MVM)	Serum	ELISA	0/20	0/20	0/20	0/349
Hantavirus (HANT)	Serum	ELISA	---	0/20	---	0/319
Theiler's Mouse Encephalomyelitis Virus (TMEV)	Serum	ELISA	0/20	---	0/20	0/337
Lymphocytic choriomeningitis (LCMV)	Serum	ELISA	0/20	---	0/20	0/338
Polyoma Virus (POLY)	Serum	ELISA	0/20	---	0/20	0/337
Mouse Adenovirus FL (MAD 1)	Serum	ELISA	0/20	---	0/20	0/337
Mouse Adenovirus K87 (MAD 2)	Serum	ELISA	---	0/20	---	0/312
Mouse Parvovirus (MPV)	Serum	ELISA	---	0/20	---	0/312
K Virus	Serum	ELISA	0/20	---	---	0/312
Mouse Cytomegalovirus (MCMV)	Serum	ELISA	---	---	---	0/312
Epizootic Diarrhea of Infant Mice (EDIM)	Serum	ELISA	---	0/20	---	0/312
Murine norovirus (MNV)	Serum	ELISA	4/27***	---	0/20	0/226
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	0/338
肺支原体 (<i>Mycoplasma pulmonis</i> , MPUL)	Serum	ELISA	---	---	---	0/296
支原体 (<i>Mycoplasma</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/273
鼠棒状杆菌 (<i>Corynebacterium kutscheri</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/338
泰泽病原体 (<i>Tyzzer's organism</i> , CPIL)	Serum	ELISA	0/20	0/20	0/20	0/323
嗜肺巴斯德杆菌 (<i>Pasteurella pneumotropica</i>)	Respiratory Tract	Culture	0/20	0/20	0/20	0/338
肺炎克雷伯杆菌 (<i>Klebsiella pneumoniae</i>)	Ileocecus	Culture	0/20	0/20	0/20	0/338
金黄色葡萄球菌 (<i>Staphylococcus aureus</i>)	Ileocecus	Culture	0/20	0/20	0/20	0/338
绿脓杆菌 (<i>Pseudomonas aeruginosa</i>)	Ileocecus	Culture	0/20	0/20	0/20	0/338
多杀巴斯德杆菌 (<i>Pasteurella multocida</i>)	Ileocecus	Culture	---	---	---	0/80
支气管鲍特杆菌 (<i>Bordetella bronchiseptica</i>)	Serum	ELISA	---	---	---	0/62
乙型溶血性链球菌 (β -hemolytic streptococcus)	Respiratory Tract	Culture	---	---	0/20	0/71
Cilia-Associated Respiratory Bacillus (CARB)	Serum	ELISA	---	0/20	---	0/298

肺炎链球菌 (<i>Streptococcus pneumoniae</i>)	Respiratory Tract	Culture	---	---	0/20	0/72
单核细胞增生性李斯特杆菌 (<i>Listeria monocytogenes</i>)	Respiratory Tract Or Ileocecus	Culture	---	---	---	0/39
皮肤病原真菌 (<i>Pathogenic dermal fungi</i>)	Fur Scales	Culture	---	0/20	---	0/88
念珠状链杆菌 (<i>Streptobacillus moniliformis</i>)	Respiratory Tract	Culture	---	0/20	---	0/79
假结核耶尔森菌 (<i>Yersinia pseudotuberculosis</i>)	Ileocecus	Culture	---	0/20	---	0/82
小肠结肠炎耶尔森菌 (<i>Yersinia enterocolitica</i>)	Ileocecus	Culture	0/20	---	---	0/82
大肠埃希菌 O115 a,c:K(B) (<i>Escherichia coli</i> 0115a,c:K(B))	Ileocecus	Culture	0/20	---	---	0/82
螺杆菌属 (<i>Helicobacter spp.</i>)	Cecum/ Serum	PCR/ ELISA	---	---	---	0/13

体内外寄生虫 (PARASITES & PROTOZOA)

体外寄生虫 (Ectoparasites)	Scotch Tape	Micro	0/20	0/20	0/20	0/338
蠕虫 (All helminths)	Cecum	Micro	0/20	0/20	0/20	0/338
鞭毛虫 (Flagellates)	Duodenum & Cecum	Micro	0/20	0/20	0/20	0/338
纤毛虫 (Ciliates)	Duodenum & Cecum	Micro	0/20	0/20	0/20	0/338
兔脑原虫 (<i>Encephalitozoon cuniculi</i> , ECUN)	Serum	ELISA	---	---	---	0/313
弓形虫 (<i>Toxoplasma gondii</i>)	Serum	ELISA	0/20	0/20	0/20	0/323

*On July 18, 2012, a sentinel mouse in room 313 was tested positive for Sendai virus by NICPBP, but other 162 mice in this room tested are negative for Sendai virus by ELISA. All sentinel mice have been Sendai virus free since September 2012.

** On March 22, 2017, two sentinel mice in 12th shelf of room 313 was found MHV positive by ELISA, other 17 shelves sentinel mice in this room were all negative. On March 28, the veterinary screened 14 samples of older mice from the 12th shelf and found one positive. All cages of mice in this shelf were transferred out of this room to a lower level room on 30th March.

On 18th and 24th April 2017, random 150 samples in R313 were checked MHV by ELISA and one mice on 13th shelf was found MHV positive by ELISA. The 5 of mice serum samples from this positive cage were send to Xi Shan Biotechnology Inc. for confirmation. The result was one ELISA positive but the IFA negative, which suggested this sample was false positive.

On April 25, 62 mice on shelf 13th and 18th which belong to one holder were tested by ELISA and all are MHV negative.

On 6th June, 2017, randomly 78 samples in Room 313 was tested MHV and all negative.

***The MNV positive mice were all from 7th shelf.

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日期: 2018 年 9 月 20 日