Health Certificates RIKEN BioResource Center

RIKEN BioResource Center adopts the sentinel mouse program, which is specialized for the micro isolator cage system. A sentinel mouse cage containing five mice is laid on a microisolator cage rack and small parts of used cage sheets from all cages of the rack are collected into the sentinel mouse cage every two weeks. Two mice from a sentinel cage are subjected to the examination bimonthly for our examination.

Our items to be examined are classified into four classes shown in the table below. All sentinel mice are tested under the class A and B. Sentinel mice kept in the room for immuno-deficient mice are screened on the class C as well. The class D contains a weak pathogen (MNV) or the certain pathogens that are believed not to exist in the Japanese mouse colonies hence mice are submitted to class D examination by request at recipient's charge.

Top of row of health report indicates the index code of the sentinel animals tested. First two letters mean the room number, and the last letter means the rack code.

For example;

If the index code is 3-1-A, the sentinel mouse tested is from the room "3-1" rack "A".

Class	Microorganisms
A	<i>C.piliforme</i> , Ectromelia virus, Hantaan virus, Lymphocytic choriomeningitis virus (LCMV), Mouse hepatitis virus (MHV), <i>M.pulmonis</i> , Sendai virus (HVJ)
В	C.rodentium, C.kutscheri, F.rodentium ('CAR bacillus') P.pneumotropica, Salmonella spp., H.bilis, H.hepaticus, Dermatophytes, Ectoparasites, Intestinal protozoa, Pinworms
С	S.aureus, P.aeruginosa, P.muria
D	Pneumonia virus of mice (PVM), Theiler's mouse encephalomyelitis virus (TMEV/GDVII), Mouse minute virus (MMV), Mouse parvovirus (MPV), Mouse polyoma virus (Poly), Reovirus type 3 (Reo3), Mouse adenovirus (MAV), Mouse rotavirus (EDIM), Mouse cytomegalovirus (MCMV), Lactate dehydrogenase elevating virus (LDHEV), Mouse norovirus (MNV)

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		BRC Experimental Animal Division Date: July 27, 2015								Examination No: 15220		
Class	Pathogens	Methods				Anim	als: BAL	.B/c-nu/	+ 우			
Class	1 actiogens	Wethous	4-A-A	4-A-B	4-A-C	4-A-D	4-A-E	4-A-F	4-A-G	4-A-H	4-A-I	4-A-J
	Mouse hepatitis virus	Serology	0/1	0/1_	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Sendai virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Clostridium piliforme	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
Α	Hantaan virus	Serology										
_ ^	Ectromelia virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Lymphocytic choriomeningitis virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
		Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Mycoplasma pulmonis	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
A/B	Salmonella spp.	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Citrobacter rodentium	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Corynebacterium kutscheri	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Pasteurella pneumotropica	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Dermatophytes	Cultivation										
В	CAR bacillus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
Ь	Ectoparasites	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Intestinal protozoa	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Pinworms	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
		PCR	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Helicobacter hepaticus	PCR	0/1	0/1	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1
С	Pseudomonas aeruginosa	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
	Gross lesion		0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1

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		Facility: RIKEN	BRC Expe	rimental Ar	imal Divisio		Date: July			E	xamination	No: 15220	
Class	U	Methods	Animals: BALB/c-nu/+ 후										
Class			4-A-K	4-A-L	4-B-A	4-B-B	4-B-C	4-B-D	4-B-E	4-B-F	4-B-G	4-B-H	
	Mouse hepatitis virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Sendai virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Clostridium piliforme	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
A	Hantaan virus	Serology											
l ^	Ectromelia virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Lymphocytic choriomeningitis virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Mycoplasma pulmonis	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Inycopiasina pulinonis	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
A/B	Salmonella spp.	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Citrobacter rodentium	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Corynebacterium kutscheri	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Pasteurella pneumotropica	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
i	Dermatophytes	Cultivation											
В	CAR bacillus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
"	Ectoparasites	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Intestinal protozoa	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Pinworms	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
ì	Helicobacter bilis	PCR	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Helicobacter hepaticus	PCR	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
C	Pseudomonas aeruginosa	Cultivation	0/1	0/1	0/1	_0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Gross lesion			0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	

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		BRC Experimental Animal Division Date: July 27, 2015							Examination No: 15220				
<u> </u>	Dethermone	Methods	Animals: BALB/c=nu/+ 우										
Class	Pathogens	Wethous	4-B-I	4-B-J	4-B-K	4-B-L	4-C-A	4-C-B	4-C-C	4-C-D	4-C-E	4-C-F	
	Mouse hepatitis virus	Serology	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Sendai virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Clostridium piliforme	Serology	0/1	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1	0/1	
A	Hantaan virus	Serology											
^	Ectromelia virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Lymphocytic choriomeningitis virus	Serology	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1_	0/1	0/1	
		Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
}	Mycoplasma pulmonis	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
A/B	Salmonella spp.	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Citrobacter rodentium	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Corynebacterium kutscheri	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Pasteurella pneumotropica	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	
	Dermatophytes	Cultivation											
В	CAR bacillus	Serology	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Ectoparasites	Microscopy	0/1	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1	0/1	
	Intestinal protozoa	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
l	Pinworms	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Helicobacter bilis	PCR	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
	Helicobacter hepaticus	PCR	0/1	0/1	0/1	0/1	0/1_	0/1	0/1	0/1	0/1	0/1	
С	Pseudomonas aeruginosa	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
-	Gross lesion			0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	

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		BRC Experimental Animal Division Date: July 27, 2015							·	xamination	No: 15220	
Class	Pathogens	Methods		Animals: BALB/c−nu/+ ♀								
Class			4-C-G	4-C-H	4-C-i	4-C-J	4-C-K	4-C-L				
	Mouse hepatitis virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
	Sendai virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
	Clostridium piliforme	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
l a	Hantaan virus	Serology										
l ^	Ectromelia virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
	Lymphocytic choriomeningitis virus	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
	Mycoplasma pulmonis	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
		Cultivation	0/1	0/1	0/1	0/1	0/1	0/1				
A/B	Salmonella spp.	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1		L		
	Citrobacter rodentium	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1				
	Corynebacterium kutscheri	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1				
Ì	Pasteurella pneumotropica	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1				
	Dermatophytes	Cultivation										
В	CAR bacillus	Serology	0/1	0/1	0/1	0/1	0/1	0/1				
	Ectoparasites	Microscopy	0/1	0/1	0/1	0/1	0/1_	0/1		L		
	Intestinal protozoa	Microscopy	0/1	0/1	0/1	0/1	0/1	0/1				
)	Pinworms	Microscopy	0/1	0/1_	0/1	0/1	0/1	0/1_				
	Helicobacter bilis	PCR	0/1	0/1	0/1	0/1	0/1	0/1				
	Helicobacter hepaticus	PCR	0/1	0/1	0/1	0/1	0/1	0/1				
С	Pseudomonas aeruginosa	Cultivation	0/1	0/1	0/1	0/1	0/1	0/1				
	Gross lesion			0/1	0/1	0/1	0/1	0/1				

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