

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)
B	<i>C.rodentium</i> , <i>C.kutscheri</i> , <i>F.rodentium</i> ('CAR bacillus') <i>P.pneumotropica</i> , <i>Salmonella</i> spp., <i>H.bilis</i> , <i>H.hepaticus</i> , Dermatophytes, Ectoparasites, Intestinal protozoa, Pinworms
C	<i>S.aureus</i> , <i>P.aeruginosa</i> , <i>P.murina</i>
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)

Fumio Ike, Ph.D.
 Experimental Animal Division
 RIKEN BioResource Center
 3-1-1 Koyadai, Tsukuba, Ibaraki 305-0074 JAPAN
 Phone: :81-298-5264
 FAX: +81-298-36-9010
 E-Mail: ike@brc.riken.go.jp

HEALTH CERTIFICATE

Facility: RIKEN BRC Experimental Animal Division Date: December 16⁽¹⁾, 17⁽²⁾ 2013 January 6, 2014⁽³⁾ Examination No: 13548⁽¹⁾, 13574⁽²⁾, 13593⁽³⁾

Class	Pathogens	Methods	Animals: BALB/c-nu/+ ♀											
			3-C-H (#13548) 2013. Dec 16											
C	<i>Pseudomonas aeruginosa</i>	Cultivation	0/1 ⁽¹⁾											
	<i>Staphylococcus aureus</i>	Cultivation	0/1 ⁽¹⁾											
	<i>Pneumocystis murina</i>	PCR	0/1 ⁽²⁾											
D	Lactate dehydrogenase elevating virus	RT-PCR	0/1 ⁽³⁾											
	Mouse polyomavirus	PCR	0/1 ⁽³⁾											
Extra	<i>β-haemolytic Streptococci</i>	Cultivation	0/1 ⁽¹⁾											
	<i>Klebsiella</i> spp.	Cultivation	0/1 ⁽¹⁾											
	<i>Proteus</i> spp.	Cultivation	0/1 ⁽¹⁾											
	<i>Bordetella bronchiseptica</i>	Cultivation	0/1 ⁽¹⁾											
	<i>Streptobacillus moniliformis</i>	Cultivation	0/1 ^{*(3)}											
Gross lesion			0/1											

*B6.Cg-Tg(CAG-Cre)CZ-MO2Osb (RBRC 01828) ♀

RIKEN BioResource Center

Experimental Animal Division
 3-1-1 Koyadai, Tsukuba, Ibaraki, 305-0074, JAPAN
 Phone: +81-29-836-5264 FAX: +81-29-836-9010



Fumio Ike, Ph.D.