Health Monitoring Report

RIKEN BioResource Research Center

RIKEN BioResource Research Center adopts the sentinel mouse program, which is specialized for the micro isolator cage system. A sentinel mouse cage containing four mice is laid on a microisolator cage rack and small parts of dirty beddings from all cages of the rack are collected into the sentinel mouse cage every two weeks. One mouse from a sentinel cage is 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 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	*C.piliforme*, Ectromelia virus, Hantaan virus, Lymphocytic choriomeningitis virus (LCMV), Mouse hepatitis virus (MHV), *M.pulmonis*, Sendai virus (HVJ)
B	*C.kutscheri*, *C.rodentium*, *F.rodentium* ("CAR bacillus") *P.pneumotropica*, *Salmonella* spp., *H.bilis*, *H.hepaticus*, Dermatophytes, Ectoparasites, Intestinal protozoa, Pinworms
C	*P.aeruginosa*, *S.aureus*, *P.murina*
D	Lactate dehydrogenase elevating virus (LDHEV), Mouse adenovirus (MAV type 1 & 2), Mouse cytomegalovirus (MCMV), Mouse minute virus (MMV), Mouse parvovirus (MPV), Mouse norovirus (MNV), Mouse polyoma virus (Poly), Mouse rotavirus (EDIM), Pneumonia virus of mice (PVM), Reovirus type 3 (Reo3), Theiler's mouse encephalomyelitis virus (TMEV/GDVII)

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

Apr 09, 2018

HEALTH REPORT

Facility: RIKEN BRC Experimental Animal Division Testdate: July 17 , 2018 Examination No:18242

Class	Pathogen(s)	Method(s)	Sentinel Animal(s) : BALB/cA-nu/+ ♀									
			4-A-E									
D	Mouse Adenovirus (MAV, type 1 & 2)	Serology*	0/1									
	Mouse parvovirus (MPV)	Serology*	0/1									
	Mouse norovirus (MNV)	Serology*	0/1									
	Pneumonia virus of mice (PVM)	Serology*	0/1									

*: Tested by Charles River Laboratories Japan, Inc 2018002890
For the original report(s) issued by CRL Japan, please inquire.

RIKEN BioResource Research 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.