

National Health Research Institutes Laboratory Animal Center Health Monitoring Report in 2018

Location(Room#): **Rodent area**
(R2-B1114~R2-B1154, R2-B1231~R2-B1235)

Date of Issue: **Nov.19, 2018**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov., 2018	0/54	0/378
Mouse Norovirus (MNV)	3 months	ELISA	Nov., 2018	19/54	101/325
Mouse Parvovirus (MPV)	3 months	ELISA	Nov., 2018	0/54	0/378
Minute virus of mice (MVM)	3 months	ELISA	Nov., 2018	0/54	0/325
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Nov., 2018	0/54	0/378
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Nov., 2018	0/54	0/379
Mouse rotavirus (Epizootic diarrhea of infant mice) (EDIM)	3 months	ELISA	Nov., 2018	0/54	0/272
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2018	0/54	0/217
Mouse adenovirus (Mad)	6 months	ELISA	Nov., 2018	0/54	0/217
Mouse Polyomavirus	6 months	ELISA	Nov., 2018	0/54	0/108
Hantavirus	Annually	ELISA	Jun., 2018	0/54	0/110
Ectromelia virus (Pox virus)	Annually	ELISA	Jun., 2018	0/54	0/110
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/54	0/110
Reovirus Type 3 (Reo-3)	Annually	ELISA	Jun., 2018	0/54	0/110
Sendai virus	Annually	ELISA	Jun., 2018	0/54	0/110
II 、 Microbiology:					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2018	0/40	0/154
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2018	0/40	0/154
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2018	0/40	0/154
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2018	0/40	0/154
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2018	0/40	0/154
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	13/54	34/110
III 、 Parasites:					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2018	0/54	0/378
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2018	7/54	88/378
<i>Giardia</i> spp.	3 months	Visual	Nov., 2018	0/54	0/378
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2018	0/54	0/378
<i>Spironucleus</i> spp.	3 months	Visual	Nov., 2018	0/54	0/378
Trichomonads	3 months	Visual	Nov., 2018	0/54	0/378
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov., 2018	0/54	0/378
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2018	0/54	0/378
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2018	0/54	0/378
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2018	0/54	0/378
Ectoparasites	3 months	Visual	Nov., 2018	0/54	0/378

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes

Laboratory Animal Center

Health Monitoring Report in 2018

Location(Room#): **Rodent area**
(R2-B1114~R2-B1154, R2-B1231~R2-B1235)

Date of Issue:**Nov.19, 2018**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Serology:					
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Nov., 2018	0/1	0/14
Rat parvovirus	3 months	ELISA	Nov., 2018	0/1	0/14
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Nov., 2018	0/1	0/14
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2018	0/1	0/14
Kilham's rat virus (KRV)	6 months	ELISA	Nov., 2018	0/1	0/8
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2018	0/1	0/8
Hantavirus	Annually	ELISA	Jun., 2018	0/2	0/5
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/2	0/5
Sendai virus	Annually	ELISA	Jun., 2018	0/2	0/5
II 、 Microbiology:					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2018	0/1	0/5
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2018	0/1	0/5
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2018	0/1	0/5
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2018	1/1	1/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2018	0/1	0/5
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/2	0/5
III 、 Parasites:					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2018	0/1	0/14
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2018	1/1	5/14
<i>Giardia</i> spp.	3 months	Visual	Nov., 2018	0/1	0/14
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2018	0/1	0/14
<i>Spironucleus</i> spp.	3 months	Visual	Nov., 2018	0/1	0/14
Trichomonads	3 months	Visual	Nov., 2018	0/1	0/14
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov., 2018	0/1	0/14
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2018	0/1	0/14
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2018	0/1	0/14
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2018	0/1	0/14
Ectoparasites	3 months	Visual	Nov., 2018	0/1	0/14

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes

Laboratory Animal Center

Health Monitoring Report in 2018

Location(Room#): **Rodent area(R2-B1125, R2-B1141)** Date of Issue:**Nov.19, 2018**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Microbiology:					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Citrobacter rodentium</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Clostridium piliforme</i>	6 months	PCR	Nov., 2018	0/7	0/32
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Mycoplasma</i> spp.	6 months	PCR	Nov., 2018	0/7	0/32
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Pneumocystis murina</i>	6 months	PCR	Nov., 2018	0/7	0/32
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2018	0/7	0/32
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2018	2/7	2/32
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2018	0/7	0/32
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/7	0/14
Mouse Norovirus	Annually	RT-PCR	Jun., 2018	0/7	0/14
II 、 Parasites:					
<i>Chilomastix</i> spp.	6 months	Visual	Nov., 2018	0/7	0/32
<i>Entamoeba</i> spp.	6 months	Visual	Nov., 2018	0/7	3/32
<i>Giardia</i> spp.	6 months	Visual	Nov., 2018	0/7	0/32
<i>Hexamastix</i> spp.	6 months	Visual	Nov., 2018	0/7	0/32
<i>Spironucleus</i> spp.	6 months	Visual	Nov., 2018	0/7	0/32
Trichomonads	6 months	Visual	Nov., 2018	0/7	0/32
<i>Aspiculuris tetraptera</i>	6 months	Visual	Nov., 2018	0/7	0/32
<i>Hymenolepis diminuta</i>	6 months	Visual	Nov., 2018	0/7	0/32
<i>Syphacia</i> spp.	6 months	Visual	Nov., 2018	0/7	0/32
<i>Rodentolepis nana</i>	6 months	Visual	Nov., 2018	0/7	0/32
Ectoparasites	6 months	Visual	Nov., 2018	0/7	0/32

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2018**

Location(Room#): **Isolated area(R2-B1315~R2-B1317)**

Date of Issue:**Nov.19, 2018**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov., 2018	0/7	0/58
Mouse Norovirus (MNV)	3 months	ELISA	Nov., 2018	5/7	28/49
Mouse Parvovirus (MPV)	3 months	ELISA	Nov., 2018	0/7	0/58
Minute virus of mice (MVM)	3 months	ELISA	Nov., 2018	0/7	0/49
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Nov., 2018	0/7	0/58
Theiler's murine encephalomyelitis virus(TMEV)	3 months	ELISA	Nov., 2018	0/7	0/58
Mouse rotavirus (Epizootic diarrhea of infant mice) (EDIM)	3 months	ELISA	Nov., 2018	0/7	0/40
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2018	0/7	0/42
Mouse adenovirus (Mad)	6 months	ELISA	Nov., 2018	0/7	0/42
Mouse Polyomavirus	6 months	ELISA	Nov., 2018	0/7	0/15
Hantavirus	Annually	ELISA	Jun., 2018	0/8	0/17
Ectromelia virus (Pox virus)	Annually	ELISA	Jun., 2018	0/8	0/17
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/8	0/17
Reovirus Type 3 (Reo-3)	Annually	ELISA	Jun., 2018	0/8	0/17
Sendai virus	Annually	ELISA	Jun., 2018	0/8	0/17
II 、 Microbiology:					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2018	0/7	0/13
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2018	0/7	0/13
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2018	0/7	0/13
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2018	0/7	0/13
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2018	0/7	0/13
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	1/8	2/17
III 、 Parasites:					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2018	1/7	12/58
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2018	3/7	17/58
<i>Giardia</i> spp.	3 months	Visual	Nov., 2018	0/7	0/58
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2018	0/7	3/58
<i>Spironucleus</i> spp.	3 months	Visual	Nov., 2018	0/7	0/58
Trichomonads	3 months	Visual	Nov., 2018	0/7	7/58
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov., 2018	0/7	0/58
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2018	0/7	0/58
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2018	0/7	0/58
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2018	0/7	0/58
Ectoparasites	3 months	Visual	Nov., 2018	0/7	0/58

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2018**

Location(Room#): **Isolated area(R2-B1316A)**

Date of Issue:**Nov.19, 2018**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Serology:					
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Nov., 2018	0/1	0/7
Rat parvovirus	3 months	ELISA	Nov., 2018	0/1	0/7
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Nov., 2018	0/1	0/7
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2018	0/1	0/7
Kilham's rat virus (KRV)	6 months	ELISA	Nov., 2018	0/1	0/3
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2018	0/1	0/4
Hantavirus	Annually	ELISA	Jun., 2018	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/1	0/2
Sendai virus	Annually	ELISA	Jun., 2018	0/1	0/2
II 、 Microbiology:					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2018	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2018	1/1	1/4
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2018	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2018	1/1	1/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2018	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/1	0/2
III 、 Parasites:					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2018	1/1	7/7
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2018	1/1	7/7
<i>Giardia</i> spp.	3 months	Visual	Nov., 2018	0/1	0/7
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2018	1/1	7/7
<i>Spiroplasma</i> spp.	3 months	Visual	Nov., 2018	0/1	0/7
Trichomonads	3 months	Visual	Nov., 2018	0/1	3/7
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov., 2018	0/1	0/7
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2018	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2018	0/1	0/7
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2018	0/1	0/7
Ectoparasites	3 months	Visual	Nov., 2018	0/1	0/7

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2018

Location(Room#): **2B034 、2B035 、2B033**

Date of Issue: **Nov. 21, 2018**

Species: **Mouse**

Housing: **IVC cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I 、 Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov. 2018	0/8	0/46
Mouse parvovirus (MPV)	3 months	ELISA	Nov. 2018	0/8	0/46
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Nov. 2018	0/8	0/46
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov. 2018	0/8	0/46
Minute virus of mice (MVM)	3 months	ELISA	Nov. 2018	0/8	0/35
Mouse norovirus (MNV)	3 months	ELISA	Nov. 2018	0/8	1/35
Epizootic-diarrhea of infant-mouse (EDIM)	3 months	ELISA	Nov. 2018	0/8	0/29
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov. 2018	0/8	0/23
Mouse adenovirus (MAV)	6 months	ELISA	Nov. 2018	0/8	0/23
Mouse polyomavirus (MuPyV)	6 months	ELISA	Nov. 2018	0/8	0/13
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2018	0/5	0/9
Ectromelia virus (Pox virus)	Annually	ELISA	May 2018	0/5	0/9
Hantavirus	Annually	ELISA	May 2018	0/5	0/9
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2018	0/5	0/9
Sendai virus	Annually	ELISA	May 2018	0/5	0/9
II 、 Microbiology:					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Nov. 2018	0/1	0/4
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov. 2018	0/1	0/4
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov. 2018	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov. 2018	0/6	0/21
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov. 2018	0/6	0/21
<i>Staphylococcus aureus</i>	6 months	Culture	Nov. 2018	0/6	0/21
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov. 2018	0/6	0/21
<i>Salmonella</i> spp.	6 months	Culture	Nov. 2018	0/6	0/21
<i>Clostridium piliforme</i> ★	6 months	PCR	Nov. 2018	0/1	0/4
<i>Mycoplasma</i> spp. ★	6 months	PCR	Nov. 2018	0/1	0/4
<i>Pneumocystis murina</i> ★	6 months	PCR	Nov. 2018	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	May 2018	1/5	1/6
III 、 Parasites:					
<i>Chilomastix</i> spp.	3 months	Visual	Nov. 2018	0/6	0/45
<i>Entamoeba</i> spp.	3 months	Visual	Nov. 2018	0/6	0/45
Flagellates	3 months	Visual	Nov. 2018	0/6	0/45
<i>Giardia</i> spp.	3 months	Visual	Nov. 2018	0/6	0/45
<i>Hexamastix</i> spp.	3 months	Visual	Nov. 2018	0/6	0/45
<i>Spironucleus</i> spp.	3 months	Visual	Nov. 2018	0/6	0/45
Trichomonads	3 months	Visual	Nov. 2018	0/6	0/45
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov. 2018	0/6	0/45
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov. 2018	0/6	0/45
<i>Rodentolepis nana</i>	3 months	Visual	Nov. 2018	0/6	0/45
<i>Syphacia</i> spp.	3 months	Visual	Nov. 2018	0/6	2/45
Ectoparasites	3 months	Visual	Nov. 2018	0/6	0/45

Data are expressed as number positive/number tested.

★ Immunocompromised mice only

Signature of Veterinarian: _____