

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2019**

Location(Room#): **Rodent area
(R2-B1114~R2-B1154, R2-B1231~R2-B1232)**

Date of Issue: **Jul. 11, 2019**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I ∨ Serology:					
Minute virus of mice (MVM)	3 months	ELISA	May 2019	0/60	0/386
Mouse hepatitis virus (MHV)	3 months	ELISA	May 2019	0/60	0/386
Mouse Norovirus (MNV)	3 months	ELISA	May 2019	12/60	120/386
Mouse Parvovirus (MPV)	3 months	ELISA	May 2019	0/60	0/386
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	May 2019	0/60	0/333
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	May 2019	0/60	0/386
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	May 2019	0/60	0/386
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2019	0/60	0/221
Mouse adenovirus (MAd1, MAd2)	6 months	ELISA	May 2019	0/60	0/221
Ectromelia virus (Pox virus)	Annually	ELISA	May 2019	0/60	0/114
Hantavirus	Annually	ELISA	May 2019	0/60	0/114
Mouse Polyomavirus	Annually	ELISA	May 2019	0/60	0/168
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2019	0/60	0/114
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2019	0/60	0/114
Sendai virus	Annually	ELISA	May 2019	0/60	0/114
II ∨ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2018	13/54	13/54
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/45	0/161
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	0/45	0/161
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/45	0/161
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	0/45	0/161
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/45	0/161
III ∨ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2019	0/60	0/386
<i>Chilomastix</i> spp.	3 months	Visual	May 2019	0/60	0/386
Ectoparasites	3 months	Visual	May 2019	0/60	0/386
<i>Entamoeba</i> spp.	3 months	Visual	May 2019	11/60	102/386
<i>Giardia</i> spp.	3 months	Visual	May 2019	0/60	0/386
<i>Hexamastix</i> spp.	3 months	Visual	May 2019	0/60	0/386
<i>Hymenolepis diminuta</i>	3 months	Visual	May 2019	0/60	0/386
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/60	0/386
<i>Spiroplasma</i> spp.	3 months	Visual	May 2019	0/60	0/386
<i>Syphacia</i> spp.	3 months	Visual	May 2019	0/60	0/386
Trichomonads	3 months	Visual	May 2019	0/60	0/386

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2019**

Location(Room#): **Rodent area (R2-B1154)**

Date of Issue: **Jul. 11, 2019**

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	May 2019	0/1	0/8
Rat parvovirus	3 months	ELISA	May 2019	0/1	0/8
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	May 2019	0/1	0/8
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	May 2019	0/1	0/8
Kilham's rat virus (KRV)	6 months	ELISA	May 2019	0/1	0/5
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2019	0/1	0/5
Hantavirus	Annually	ELISA	May 2019	0/1	0/3
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2019	0/1	0/3
Sendai virus	Annually	ELISA	May 2019	0/1	0/3
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2018	0/2	0/2
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	0/1	0/4
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	0/1	1/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/1	0/4
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2019	0/1	0/8
<i>Chilomastix</i> spp.	3 months	Visual	May 2019	0/1	0/8
Ectoparasites	3 months	Visual	May 2019	0/1	0/8
<i>Entamoeba</i> spp.	3 months	Visual	May 2019	1/1	5/8
<i>Giardia</i> spp.	3 months	Visual	May 2019	0/1	0/8
<i>Hexamastix</i> spp.	3 months	Visual	May 2019	0/1	0/8
<i>Hymenolepis diminuta</i>	3 months	Visual	May 2019	0/1	0/8
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/1	0/8
<i>Spironucleus</i> spp.	3 months	Visual	May 2019	0/1	0/8
<i>Syphacia</i> spp.	3 months	Visual	May 2019	0/1	0/8
Trichomonads	3 months	Visual	May 2019	0/1	0/8

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2019**

Location(Room#): **Rodent area
(R2-B1125, R2-B1127,R2-B1141)**
Species: **Immunodeficient Mouse**

Date of Issue: **Jul. 11, 2019**

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	May 2019	0/8	0/28
<i>Citrobacter rodentium</i>	6 months	Culture	May 2019	0/8	0/28
<i>Clostridium piliforme</i>	6 months	PCR	May 2019	0/8	0/28
<i>Corynebacterium kutscheri</i>	6 months	Culture	May 2019	0/8	0/28
<i>Helicobacter</i> spp.	6 months	PCR	May 2018	0/7	0/7
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/8	0/28
<i>Mycoplasma</i> spp.	6 months	PCR	May 2019	0/8	0/28
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	0/8	0/28
<i>Pneumocystis murina</i>	6 months	PCR	May 2019	0/8	0/28
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2019	0/8	0/28
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/8	0/28
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	*1/8	3/30
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/8	0/28
Mouse Norovirus	Annually	RT-PCR	May 2019	0/8	0/15
II 、 Parasites:					
<i>Aspicularis tetraptera</i>	6 months	Visual	May 2019	0/8	0/28
<i>Chilomastix</i> spp.	6 months	Visual	May 2019	0/8	0/28
Ectoparasites	6 months	Visual	May 2019	0/8	0/28
<i>Entamoeba</i> spp.	6 months	Visual	May 2019	0/8	2/28
<i>Giardia</i> spp.	6 months	Visual	May 2019	0/8	0/28
<i>Hexamastix</i> spp.	6 months	Visual	May 2019	0/8	0/28
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2019	0/8	0/28
<i>Rodentolepis nana</i>	6 months	Visual	May 2019	0/8	0/28
<i>Spironucleus</i> spp.	6 months	Visual	May 2019	0/8	0/28
<i>Syphacia</i> spp.	6 months	Visual	May 2019	0/8	0/28
Trichomonads	6 months	Visual	May 2019	0/8	0/28

Data are expressed as number positive/number tested.

*該小鼠族群未隔離但持續追蹤中。

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2019**

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

Date of Issue: **Jul. 11, 2019**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I - Serology:					
Minute virus of mice (MVM)	3 months	ELISA	May 2019	0/8	0/55
Mouse hepatitis virus (MHV)	3 months	ELISA	May 2019	0/8	0/55
Mouse Norovirus (MNV)	3 months	ELISA	May 2019	4/8	30/55
Mouse Parvovirus (MPV)	3 months	ELISA	May 2019	0/8	0/55
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	May 2019	0/8	0/46
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	May 2019	0/8	0/55
Theiler's murine encephalomyelitis virus(TMEV)	3 months	ELISA	May 2019	0/8	0/55
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2019	0/8	0/41
Mouse adenovirus (MAAd1, MAAd2)	6 months	ELISA	May 2019	0/8	0/41
Mouse Polyomavirus	6 months	ELISA	May 2019	0/8	0/23
Ectromelia virus (Pox virus)	Annually	ELISA	May 2019	0/8	0/16
Hantavirus	Annually	ELISA	May 2019	0/8	0/16
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2019	0/8	0/16
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2019	0/8	0/16
Sendai virus	Annually	ELISA	May 2019	0/8	0/16
II - Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2018	1/8	1/8
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/2	0/8
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	0/2	0/8
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/2	0/8
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	0/2	0/8
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/2	0/8
III - Parasites:					
<i>Aspiculuris tetraptera</i>	3 months	Visual	May 2019	0/8	0/55
<i>Chilomastix</i> spp.	3 months	Visual	May 2019	2/8	11/55
Ectoparasites	3 months	Visual	May 2019	0/8	0/55
<i>Entamoeba</i> spp.	3 months	Visual	May 2019	3/8	16/55
<i>Giardia</i> spp.	3 months	Visual	May 2019	0/8	0/55
<i>Hexamastix</i> spp.	3 months	Visual	May 2019	0/8	3/55
<i>Hymenolepis diminuta</i>	3 months	Visual	May 2019	0/8	0/55
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/8	0/55
<i>Spironucleus</i> spp.	3 months	Visual	May 2019	0/8	0/55
<i>Syphacia</i> spp.	3 months	Visual	May 2019	0/8	0/55
Trichomonads	3 months	Visual	May 2019	1/8	6/55

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2019**

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

Date of Issue: **Jul. 11, 2019**

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	May 2019	0/1	0/7
Rat parvovirus	3 months	ELISA	May 2019	0/1	0/7
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	May 2019	0/1	0/7
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	May 2019	0/1	0/7
Kilham's rat virus (KRV)	6 months	ELISA	May 2019	0/1	0/4
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2019	0/1	0/4
Hantavirus	Annually	ELISA	May 2019	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2019	0/1	0/2
Sendai virus	Annually	ELISA	May 2019	0/1	0/2
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2018	0/1	0/1
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	1/1	2/4
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	0/1	1/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/1	0/4
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2019	0/1	0/7
<i>Chilomastix</i> spp.	3 months	Visual	May 2019	1/1	7/7
Ectoparasites	3 months	Visual	May 2019	0/1	0/7
<i>Entamoeba</i> spp.	3 months	Visual	May 2019	1/1	7/7
Flagellates	3 months	Visual	May 2019	0/1	2/7
<i>Giardia</i> spp.	3 months	Visual	May 2019	0/1	0/7
<i>Hexamastix</i> spp.	3 months	Visual	May 2019	1/1	7/7
<i>Hymenolepis diminuta</i>	3 months	Visual	May 2019	0/1	0/7
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/1	0/7
<i>Spironucleus</i> spp.	3 months	Visual	May 2019	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	May 2019	0/1	0/7
Trichomonads	3 months	Visual	May 2019	0/1	3/7

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2019

Location(Room#): **2B030、2B033、2B034、2B035**

Date of Issue: **June 10, 2019**

Species: **Mouse**

Housing: **IVC cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I、Serology:					
Minute virus of mice (MVM)	3 months	ELISA	May 2019	0/9	0/48
Mouse hepatitis virus (MHV)	3 months	ELISA	May 2019	0/9	0/48
Mouse norovirus (MNV)	3 months	ELISA	May 2019	1/9*	3/48
Mouse parvovirus (MPV)	3 months	ELISA	May 2019	0/9	0/48
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	May 2019	0/9	0/42
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	May 2019	0/9	0/48
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	May 2019	0/9	0/48
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2019	0/9	0/28
Mouse adenovirus (MAd1, MAd2)	6 months	ELISA	May 2019	0/9	0/28
Ectromelia virus (Pox virus)	Annually	ELISA	May 2019	0/9	0/14
Hantavirus	Annually	ELISA	May 2019	0/9	0/14
Mouse polyomavirus	Annually	ELISA	May 2019	0/9	0/22
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2019	0/9	0/14
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2019	0/9	0/14
Sendai virus	Annually	ELISA	May 2019	0/9	0/14
II、Microbiology:					
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/9	0/25
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2019	0/9	0/25
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2019	0/9	0/12
<i>Salmonella</i> spp.	6 months	Culture	May 2019	0/9	0/25
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	0/9	0/25
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/9	0/25
III、Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2019	0/9	0/46
<i>Chilomastix</i> spp.	3 months	Visual	May 2019	0/9	0/46
Ectoparasites	3 months	Visual	May 2019	0/9	0/46
<i>Entamoeba</i> spp.	3 months	Visual	May 2019	1/9*	1/46
<i>Giardia</i> spp.	3 months	Visual	May 2019	0/9	0/46
<i>Hexamastix</i> spp.	3 months	Visual	May 2019	0/9	0/46
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/9	0/46
<i>Spironucleus</i> spp.	3 months	Visual	May 2019	0/9	0/46
<i>Syphacia</i> spp.	3 months	Visual	May 2019	0/9	0/46
Trichomonads	3 months	Visual	May 2019	0/9	0/46

Data are expressed as number positive/number tested.

* Positive sentinel mouse was housed in quantitive room(2B030), where the mice have postive results of *Entamoeba* spp.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2019**

Location(Room#): **2B034**

Date of Issue: **June 10, 2019**

Species: **Immunodeficient Mouse**

Housing: **IVC cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I - Microbiology:					
<i>Bordetella bronchiseptica</i>	6 months	Culture	May 2019	0/1	0/4
<i>Clostridium piliforme</i>	6 months	PCR	May 2019	0/1	0/4
<i>Corynebacterium kutscheri</i>	6 months	Culture	May 2019	0/1	0/4
<i>Helicobacter spp.</i>	6 months	PCR	May 2018	1/5	1/5
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2019	0/1	0/17
<i>Mycoplasma spp.</i>	6 months	PCR	May 2019	0/1	0/4
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2019	0/1	0/4
<i>Pneumocystis spp.</i>	6 months	PCR	May 2019	0/1	0/4
<i>Salmonella spp.</i>	6 months	Culture	May 2019	0/1	0/17
<i>Staphylococcus aureus</i>	6 months	Culture	May 2019	1/1	1/17
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2019	0/1	0/17
Mouse norovirus (MNV)	Anually	PCR	May 2019	0/1	2/40
II - Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2019	0/1	0/38
<i>Chilomastix spp.</i>	3 months	Visual	May 2019	0/1	0/38
Ectoparasites	3 months	Visual	May 2019	0/1	0/38
<i>Entamoeba spp.</i>	3 months	Visual	May 2019	0/1	0/38
<i>Giardia spp.</i>	3 months	Visual	May 2019	0/1	0/38
<i>Hexamastix spp.</i>	3 months	Visual	May 2019	0/1	0/38
<i>Rodentolepis nana</i>	3 months	Visual	May 2019	0/1	0/38
<i>Spironucleus spp.</i>	3 months	Visual	May 2019	0/1	0/38
<i>Syphacia spp.</i>	3 months	Visual	May 2019	0/1	0/38
Trichomonads	3 months	Visual	May 2019	0/1	0/38

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____