

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2020**

Location(Room#): **Rodent area
(R2-B1114~R2-B1153, R2-B1231~R2-B1232)**

Date of Issue: **Sep. 21, 2020**

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	Aug. 2020	0/53	0/330
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2020	0/53	0/330
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2020	7/53	63/330
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2020	0/53	0/330
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	Aug. 2020	0/53	0/330
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Aug. 2020	0/53	0/330
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2020	0/53	0/330
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2020	0/55	0/169
Mouse adenovirus (MAd1, MAd2)	6 months	ELISA	May 2020	0/55	0/169
Ectromelia virus (Pox virus)	Annually	ELISA	May 2020	0/55	0/115
Hantavirus	Annually	ELISA	May 2020	0/55	0/115
Mouse polyomavirus	Annually	ELISA	May 2020	0/55	0/115
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2020	0/55	0/115
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2020	0/55	0/115
Sendai virus	Annually	ELISA	May 2020	0/55	0/115
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	22/55	47/109
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/55	0/142
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/55	0/142
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/55	0/142
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	0/55	1/142
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/55	0/142
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2020	0/53	0/330
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2020	0/53	0/330
Ectoparasites	3 months	Visual	Aug. 2020	0/53	0/330
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2020	13/53	74/330
<i>Giardia</i> spp.	3 months	Visual	Aug. 2020	0/53	0/330
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2020	0/53	0/330
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2020	0/53	0/330
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2020	0/53	0/330
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2020	0/53	0/330
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2020	0/53	0/330
Trichomonads	3 months	Visual	Aug. 2020	0/53	0/330

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2020**

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

Date of Issue: **Sep. 21, 2020**

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	Aug. 2020	0/1	0/6
Rat parvovirus	3 months	ELISA	Aug. 2020	0/1	0/6
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug. 2020	0/1	0/6
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2020	0/1	0/6
Kilham's rat virus (KRV)	6 months	ELISA	May 2020	0/1	0/3
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2020	0/1	0/3
Hantavirus	Annually	ELISA	May 2020	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2020	0/1	0/2
Sendai virus	Annually	ELISA	May 2020	0/1	0/2
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	0/1	0/2
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/1	0/3
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/1	0/3
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/1	0/3
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	0/1	0/3
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/1	0/3
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2020	0/1	0/6
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2020	0/1	0/6
Ectoparasites	3 months	Visual	Aug. 2020	0/1	0/6
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2020	1/1	6/6
<i>Giardia</i> spp.	3 months	Visual	Aug. 2020	0/1	0/6
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2020	0/1	0/6
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2020	0/1	0/6
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2020	0/1	0/6
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2020	0/1	0/6
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2020	0/1	0/6
Trichomonads	3 months	Visual	Aug. 2020	0/1	0/6

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2020**

Location(Room#): **Rodent area
(R2-B1125, R2-B1127, R2-B1131, R2-B1141)**

Date of Issue: **Sep. 21, 2020**

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	May 2020	0/6	0/19
<i>Citrobacter rodentium</i>	6 months	Culture	May 2020	0/6	0/19
<i>Clostridium piliforme</i>	6 months	PCR	May 2020	0/6	0/19
<i>Corynebacterium kutscheri</i>	6 months	Culture	May 2020	0/6	0/19
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	0/6	0/11
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/6	0/19
<i>Mycoplasma</i> spp.	6 months	PCR	May 2020	0/6	0/19
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/6	0/19
<i>Pneumocystis murina</i>	6 months	PCR	May 2020	0/6	0/19
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2020	0/6	0/19
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/6	0/19
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	*1/6	2/21
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/6	0/19
II - Parasites:					
<i>Aspicularis tetraptera</i>	6 months	Visual	May 2020	0/6	0/20
<i>Chilomastix</i> spp.	6 months	Visual	May 2020	0/6	0/20
Ectoparasites	6 months	Visual	May 2020	0/6	0/20
<i>Entamoeba</i> spp.	6 months	Visual	May 2020	0/6	0/20
<i>Giardia</i> spp.	6 months	Visual	May 2020	0/6	0/20
<i>Hexamastix</i> spp.	6 months	Visual	May 2020	0/6	0/20
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2020	0/6	0/20
<i>Rodentolepis nana</i>	6 months	Visual	May 2020	0/6	0/20
<i>Spironucleus</i> spp.	6 months	Visual	May 2020	0/6	0/20
<i>Syphacia</i> spp.	6 months	Visual	May 2020	0/6	0/20
Trichomonads	6 months	Visual	May 2020	0/6	0/20

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 2020**

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

Date of Issue: **Sep. 21, 2020**

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	Aug. 2020	0/4	0/35
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2020	0/4	0/35
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2020	3/4	19/35
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2020	0/4	0/35
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	Aug. 2020	0/4	0/35
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2020	0/4	0/35
Theiler's murine encephalomyelitis virus(TMEV)	3 months	ELISA	Aug. 2020	0/4	0/35
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2020	0/5	0/20
Mouse adenovirus (MA _{d1} , MA _{d2})	6 months	ELISA	May 2020	0/5	0/20
Mouse polyomavirus	6 months	ELISA	May 2020	0/5	0/20
Ectromelia virus (Pox virus)	Annually	ELISA	May 2020	0/5	0/13
Hantavirus	Annually	ELISA	May 2020	0/5	0/13
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2020	0/5	0/13
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2020	0/5	0/13
Sendai virus	Annually	ELISA	May 2020	0/5	0/13
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	2/5	7/12
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/5	0/9
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/5	0/9
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/5	0/9
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	0/5	0/9
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/5	0/9
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2020	0/4	0/35
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2020	0/4	5/35
Ectoparasites	3 months	Visual	Aug. 2020	0/4	0/35
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2020	2/4	15/35
<i>Giardia</i> spp.	3 months	Visual	Aug. 2020	0/4	0/35
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2020	0/4	0/35
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2020	0/4	0/35
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2020	0/4	0/35
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2020	0/4	0/35
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2020	0/4	0/35
Trichomonads	3 months	Visual	Aug. 2020	1/4	4/35

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2020**

Location(Room#): **Isolated area (R2-B1316A, R2-B1255)**

Date of Issue: **Sep. 21, 2020**

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	Aug. 2020	0/2	0/10
Rat parvovirus	3 months	ELISA	Aug. 2020	0/2	0/10
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug. 2020	0/2	0/10
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2020	0/2	0/10
Kilham's rat virus (KRV)	6 months	ELISA	May 2020	0/2	0/5
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2020	0/2	0/5
Hantavirus	Annually	ELISA	May 2020	0/2	0/3
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2020	0/2	0/3
Sendai virus	Annually	ELISA	May 2020	0/2	0/3
II \ Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	1/2	2/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/2	0/5
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/2	1/5
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/2	0/5
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	2/2	4/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/2	0/5
<i>Campylobacter jejuni</i>	Annually	Culture	May 2020	0/1	0/2
III \ Parasites:					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2020	0/2	0/10
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2020	0/2	4/10
Ectoparasites	3 months	Visual	Aug. 2020	0/2	0/10
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2020	1/2	6/10
<i>Giardia</i> spp.	3 months	Visual	Aug. 2020	0/2	0/10
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2020	2/2	10/10
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2020	0/2	0/10
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2020	0/2	0/10
<i>Spirotrunculus</i> spp.	3 months	Visual	Aug. 2020	0/2	0/10
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2020	0/2	0/10
Trichomonads	3 months	Visual	Aug. 2020	0/2	0/10

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2020

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

Date of Issue: **Sep. 21, 2020**

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	Aug. 2020	0/8	0/53
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2020	0/8	0/53
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2020	0/8	2/53
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2020	0/8	0/53
Mouse rotavirus (Epizootic diarrhea of infant mice, EDIM)	3 months	ELISA	Aug. 2020	0/8	0/53
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2020	0/8	0/53
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2020	0/8	0/53
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2020	0/9	0/27
Mouse adenovirus (MAd1, MAd2)	6 months	ELISA	May 2020	0/9	0/27
Ectromelia virus (Pox virus)	Annually	ELISA	May 2020	0/9	0/18
Hantavirus	Annually	ELISA	May 2020	0/9	0/18
Mouse polyomavirus	Annually	ELISA	May 2020	0/9	0/18
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2020	0/9	0/18
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2020	0/9	0/18
Sendai virus	Annually	ELISA	May 2020	0/9	0/18
II、Microbiology:					
<i>Helicobacter</i> spp.	6 months	PCR	May 2020	0/9	0/27
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/9	0/27
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/9	0/27
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2020	0/9	0/27
<i>Salmonella</i> spp.	6 months	Culture	May 2020	0/9	0/27
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	0/9	2/27
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/9	0/27
III、Parasites:					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Aug. 2020	0/8	0/53
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2020	0/8	0/53
Ectoparasites	3 months	Visual	Aug. 2020	0/8	0/53
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2020	0/8	3/53*
<i>Giardia</i> spp.	3 months	Visual	Aug. 2020	0/8	0/53
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2020	0/8	0/53
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2020	0/8	0/53
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2020	0/8	0/53
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2020	0/8	0/53
Trichomonads	3 months	Visual	Aug. 2020	0/8	0/53

Data are expressed as number positive/number tested.

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

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2020**

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

Date of Issue: **Sep. 20, 2020**

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 2020	0/2	0/5
<i>Clostridium piliforme</i>	6 months	PCR	May 2020	0/2	0/5
<i>Corynebacterium kutscheri</i>	6 months	Culture	May 2020	0/2	0/5
<i>Helicobacter spp.</i>	6 months	PCR	May 2020	0/2	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2020	0/2	0/5
<i>Mycoplasma spp.</i>	6 months	PCR	May 2020	0/2	0/5
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2020	0/2	0/5
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2020	0/2	0/5
<i>Pneumocystis spp.</i>	6 months	PCR	May 2020	0/2	0/5
<i>Salmonella spp.</i>	6 months	Culture	May 2020	0/2	0/5
<i>Staphylococcus aureus</i>	6 months	Culture	May 2020	0/2	1/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2020	0/2	0/5
Mouse norovirus (MNV)	Anually	PCR	May 2019	0/1	0/1
II 、Parasites:					
<i>Aspiculuris tetraptera</i>	6 months	Visual	May 2020	0/2	0/5
<i>Chilomastix spp.</i>	6 months	Visual	May 2020	0/2	0/5
Ectoparasites	6 months	Visual	May 2020	0/2	0/5
<i>Entamoeba spp.</i>	6 months	Visual	May 2020	0/2	0/5
<i>Giardia spp.</i>	6 months	Visual	May 2020	0/2	0/5
<i>Hexamastix spp.</i>	6 months	Visual	May 2020	0/2	0/5
<i>Rodentolepis nana</i>	6 months	Visual	May 2020	0/2	0/5
<i>Spironucleus spp.</i>	6 months	Visual	May 2020	0/2	0/5
<i>Syphacia spp.</i>	6 months	Visual	May 2020	0/2	0/5
Trichomonads	6 months	Visual	May 2020	0/2	0/5

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____