

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2022**

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

Date of Issue: **Sep. 20, 2022**

Housing: **IVC/ Filter top cages**

Organism	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
I ․ Virology					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2022	0/54	0/112
Hantavirus	Annually	ELISA	May 2022	0/54	0/112
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2022	0/54	0/166
Minute virus of mice (MVM)	Annually	ELISA	May 2022	0/54	0/220
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	May 2022	0/54	0/166
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2022	0/50	0/325
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2022	9/50	64/325
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2022	0/50	0/325
Mouse polyomavirus	Annually	ELISA	May 2022	0/54	0/112
Mouse rotavirus (EDIM)	Annually	ELISA	May 2022	0/54	0/220
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2022	0/54	0/112
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2022	0/54	0/112
Sendai virus	Annually	ELISA	May 2022	0/54	0/112
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2022	0/50	0/325
II ․ Microbiology					
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	12/54	30/156
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/54	0/112
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2022	0/50	0/325
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/54	0/156
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/54	0/112
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/54	0/156
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/54	0/156
III ․ Parasitology					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Aug. 2022	0/50	0/325
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2022	0/50	0/325
Ectoparasites	3 months	Visual	Aug. 2022	0/50	0/325
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2022	6/50	76/325
<i>Giardia</i> spp.	3 months	Visual	Aug. 2022	0/50	0/325
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2022	0/50	0/325
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2022	0/50	0/325
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2022	0/50	0/325
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2022	0/50	0/325
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2022	0/50	0/325
Trichomonads	3 months	Visual	Aug. 2022	0/50	0/325

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2022**

Location(Room#): **Rodent area (R2-B1154, R2-B1233)**

Date of Issue: **Sep. 20, 2022**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
I ․ Virology					
Hantavirus	Annually	ELISA	May 2022	0/2	0/3
Kilham's rat virus (KRV)	6 months	ELISA	May 2022	0/2	0/4
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2022	0/2	0/3
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2022	0/2	0/3
Rat parvovirus (RPV)	3 months	ELISA	Aug. 2022	0/1	0/8
Rat Theilovirus (RTV)	3 months	ELISA	Aug. 2022	0/1	0/8
Reovirus 3 (Reo 3)	Annually	ELISA	May 2022	0/2	0/2
Sendai virus	Annually	ELISA	May 2022	0/2	0/3
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug. 2022	0/1	0/8
II ․ Microbiology					
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	1/2	1/4
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/2	0/3
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2022	0/1	0/8
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/2	0/4
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/2	0/3
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	1/2	2/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/2	0/4
III ․ Parasitology					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2022	0/1	0/8
Ectoparasites	3 months	Visual	Aug. 2022	0/1	0/8
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2022	0/1	4/8
<i>Giardia</i> spp.	3 months	Visual	Aug. 2022	0/1	0/8
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2022	0/1	0/8
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Spironucleus</i> spp.	3 months	Visual	Aug. 2022	0/1	0/8
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2022	0/1	0/8
Trichomonads	3 months	Visual	Aug. 2022	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 2022**

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

Date of Issue: **Sep. 20, 2022**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
I 、 Microbiology					
<i>Bordetella bronchiseptica</i>	6 months	Culture	May 2022	0/6	0/15
<i>Clostridium piliforme</i>	Annually	PCR	May 2022	0/6	0/11
<i>Corynebacterium bovis</i>	Annually	PCR	May 2022	0/6	0/6
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	0/6	0/15
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/6	0/11
<i>Mycoplasma</i> spp.	6 months	PCR	May 2022	0/6	0/15
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/6	0/15
<i>Pneumocystis</i> spp.	6 months	PCR	May 2022	0/6	0/15
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2022	0/6	0/15
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/6	0/11
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/6	1/15
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/6	0/15
II 、 Parasitology					
<i>Aspiculuris tetraptera</i>	6 months	Visual	May 2022	0/6	0/15
<i>Chilomastix</i> spp.	6 months	Visual	May 2022	0/6	0/15
Ectoparasites	6 months	Visual	May 2022	0/6	0/15
<i>Entamoeba</i> spp.	6 months	Visual	May 2022	0/6	0/15
<i>Giardia</i> spp.	6 months	Visual	May 2022	0/6	0/15
<i>Hexamastix</i> spp.	6 months	Visual	May 2022	0/6	0/15
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2022	0/6	0/15
<i>Rodentolepis nana</i>	6 months	Visual	May 2022	0/6	0/15
<i>Spironucleus</i> spp.	6 months	Visual	May 2022	0/6	0/15
<i>Syphacia</i> spp.	6 months	Visual	May 2022	0/6	0/15
Trichomonads	6 months	Visual	May 2022	0/6	0/15

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2022**

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

Date of Issue: **Sep. 20, 2022**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
I \ Virology					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2022	0/4	0/8
Hantavirus	Annually	ELISA	May 2022	0/4	0/8
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2022	0/4	0/12
Minute virus of mice (MVM)	Annually	ELISA	May 2022	0/4	0/16
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	May 2022	0/4	0/12
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2022	0/4	0/24
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2022	3/4	20/24
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2022	0/4	0/24
Mouse polyomavirus	Annually	ELISA	May 2022	0/4	0/8
Mouse rotavirus (EDIM)	Annually	ELISA	May 2022	0/4	0/16
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2022	0/4	0/8
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2022	0/4	0/8
Sendai virus	Annually	ELISA	May 2022	0/4	0/8
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2022	0/4	0/20
II \ Microbiology					
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	0/4	4/12
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/4	0/6
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2022	0/4	0/24
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/4	0/8
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/4	0/6
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/4	0/8
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/4	0/8
III \ Parasitology					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2022	0/4	0/24
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2022	1/4	3/24
Ectoparasites	3 months	Visual	Aug. 2022	0/4	0/24
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2022	0/4	3/24
<i>Giardia</i> spp.	3 months	Visual	Aug. 2022	0/4	0/24
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2022	0/4	1/24
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2022	0/4	0/24
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2022	0/4	0/24
<i>Spiroucleus</i> spp.	3 months	Visual	Aug. 2022	0/4	0/24
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2022	0/4	0/24
Trichomonads	3 months	Visual	Aug. 2022	1/4	3/24

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2022**

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

Date of Issue: **Sep. 20, 2022**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
I \ Virology					
Hantavirus	Annually	ELISA	May 2022	0/1	0/3
Kilham's rat virus (KRV)	6 months	ELISA	May 2022	0/1	0/4
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2022	0/1	0/3
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2022	0/1	0/3
Rat parvovirus (RPV)	3 months	ELISA	Aug. 2022	0/1	0/8
Rat Theilovirus (RTV)	3 months	ELISA	Aug. 2022	0/1	0/8
Reovirus 3 (Reo 3)	Annually	ELISA	May 2022	0/1	0/1
Sendai virus	Annually	ELISA	May 2022	0/1	0/3
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug. 2022	0/1	0/8
II \ Microbiology					
<i>Campylobacter jejuni</i>	Annually	Culture	May 2022	0/1	0/2
<i>Helicobacter spp.</i>	6 months	PCR	May 2022	0/1	2/4
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/1	0/3
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Aug. 2022	0/1	0/8
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/1	0/4
<i>Salmonella spp.</i>	Annually	Culture	May 2022	0/1	0/3
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/1	0/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/1	0/4
III \ Parasitology					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Chilomastix spp.</i>	3 months	Visual	Aug. 2022	0/1	0/8
Ectoparasites	3 months	Visual	Aug. 2022	0/1	0/8
<i>Entamoeba spp.</i>	3 months	Visual	Aug. 2022	0/1	2/8
<i>Giardia spp.</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Hexamastix spp.</i>	3 months	Visual	Aug. 2022	0/1	6/8
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Spironucleus spp.</i>	3 months	Visual	Aug. 2022	0/1	0/8
<i>Syphacia spp.</i>	3 months	Visual	Aug. 2022	0/1	0/8
Trichomonads	3 months	Visual	Aug. 2022	1/1	2/8

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2022

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

Date of Issue: **Sep. 20, 2022**

Species: **Mouse**

Housing: **IVC cages**

Items	Test frequency	Test method	Latest test date	Latest results	Historical results (<18 months)
I 、 Virology					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2022	0/5	0/15
Hantavirus	Annually	ELISA	May 2022	0/5	0/11
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2022	0/5	0/15
Minute virus of mice (MVM)	Annually	ELISA	May 2022	0/5	0/20
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	May 2022	0/5	0/15
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug. 2022	0/5	0/30
Mouse norovirus (MNV)	3 months	ELISA	Aug. 2022	0/5	1/30
Mouse parvovirus (MPV)	3 months	ELISA	Aug. 2022	0/5	0/30
Mouse polyomavirus	Annually	ELISA	May 2022	0/5	0/11
Mouse rotavirus (EDIM)	Annually	ELISA	May 2022	0/5	0/20
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2022	0/5	0/11
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2022	0/5	0/11
Sendai virus	Annually	ELISA	May 2022	0/5	0/11
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug. 2022	0/5	0/30
II 、 Microbiology					
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	0/5	0/15
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/5	0/15
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Aug. 2022	0/5	0/30
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/5	0/15
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/5	0/15
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/5	0/15
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/5	0/15
III 、 Parasitology					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug. 2022	0/5	0/30
<i>Chilomastix</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
Ectoparasites	3 months	Visual	Aug. 2022	0/5	0/30
<i>Entamoeba</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
<i>Giardia</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
<i>Hexamastix</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
<i>Rodentolepis nana</i>	3 months	Visual	Aug. 2022	0/5	0/30
<i>Spirotrichomonas</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
<i>Syphacia</i> spp.	3 months	Visual	Aug. 2022	0/5	0/30
Trichomonads	3 months	Visual	Aug. 2022	0/5	0/30

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center- Tainan branch
Health Monitoring Report in 2022**

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

Date of Issue: **Sep. 20, 2022**

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 2022	0/1	0/4
<i>Clostridium piliforme</i>	Annually	PCR	May 2022	0/1	0/3
<i>Corynebacterium bovis</i>	Annually	PCR	May 2022	0/1	0/1
<i>Helicobacter</i> spp.	6 months	PCR	May 2022	0/1	0/4
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2022	0/1	0/3
<i>Mycoplasma</i> spp.	6 months	PCR	May 2022	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2022	0/1	0/4
<i>Pneumocystis</i> spp.	6 months	PCR	May 2022	0/1	0/4
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2022	0/1	0/4
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/1	0/3
<i>Staphylococcus aureus</i>	6 months	Culture	May 2022	0/1	0/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2022	0/1	0/4
II ∨ Parasitology					
<i>Aspiculuris tetraptera</i>	6 months	Visual	May 2022	0/1	0/4
<i>Chilomastix</i> spp.	6 months	Visual	May 2022	0/1	0/4
Ectoparasites	6 months	Visual	May 2022	0/1	0/4
<i>Entamoeba</i> spp.	6 months	Visual	May 2022	0/1	0/4
<i>Giardia</i> spp.	6 months	Visual	May 2022	0/1	0/4
<i>Hexamastix</i> spp.	6 months	Visual	May 2022	0/1	0/4
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2022	0/1	0/2
<i>Rodentolepis nana</i>	6 months	Visual	May 2022	0/1	0/4
<i>Spirotrichomonas</i> spp.	6 months	Visual	May 2022	0/1	0/4
<i>Syphacia</i> spp.	6 months	Visual	May 2022	0/1	0/4
Trichomonads	6 months	Visual	May 2022	0/1	0/4

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____