

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2023**

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

Date of Issue: **Sep. 11, 2023**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Organism	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2023	0/49	0/103
Hantavirus	Annually	ELISA	May 2023	0/49	0/103
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/49	0/103
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/49	0/103
Mouse adenovirus (MAd1)	Annually	ELISA	Aug 2023	0/5	1/108
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug 2023	0/50	0/304
Mouse norovirus (MNV)	3 months	ELISA	Aug 2023	10/50	51/304
Mouse parvovirus (MPV)	3 months	ELISA	Aug 2023	0/50	0/304
Mouse polyomavirus	Annually	ELISA	May 2023	0/49	0/103
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/49	0/103
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/49	0/103
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2023	0/49	0/103
Sendai virus	Annually	ELISA	May 2023	0/49	0/103
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug 2023	0/50	0/304
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	10/49	34/154
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Aug 2023	0/50	0/304
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/43	0/139
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/43	0/97
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	1*/43	1/139
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/43	0/139
<b>III. Parasitology</b>					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Aug 2023	0/50	0/298
<i>Chilomastix</i> spp.	3 months	Visual	Aug 2023	0/50	0/298
Ectoparasites	3 months	Visual	Aug 2023	0/50	0/304
<i>Entamoeba</i> spp.	3 months	Visual	Aug 2023	7/50	48/298
<i>Giardia</i> spp.	3 months	Visual	Aug 2023	0/50	0/298
<i>Hexamastix</i> spp.	3 months	Visual	Aug 2023	0/50	0/298
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug 2023	0/50	0/298
<i>Rodentolepis nana</i>	3 months	Visual	Aug 2023	0/50	0/298
<i>Spirotrunculus</i> spp.	3 months	Visual	Aug 2023	0/50	0/298
<i>Syphacia</i> spp.	3 months	Visual	Aug 2023	0/50	0/304
Trichomonads	3 months	Visual	Aug 2023	0/50	0/298

Data are expressed as number positive/number tested.

\* Positive mice were unisolated but monitored continuously.

Signature of Veterinarian: \_\_\_\_\_

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2023**

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

Date of Issue: **Sep. 11, 2023**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Hantavirus	Annually	ELISA	May 2023	0/1	0/3
Kilham's rat virus (KRV)	6 months	ELISA	May 2023	0/1	0/4
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/1	0/3
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/1	0/3
Rat parvovirus (RPV)	3 months	ELISA	Aug 2023	0/1	0/7
Rat Theilovirus (RTV)	3 months	ELISA	Aug 2023	0/1	0/7
Reovirus 3 (Reo 3)	Annually	ELISA	May 2023	0/1	0/3
Sendai virus	Annually	ELISA	May 2023	0/1	0/3
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug 2023	0/1	0/7
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	1/1	2/4
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Aug 2023	0/1	0/7
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/1	0/4
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/1	0/3
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	0/1	1/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/1	0/4
<b>III. Parasitology</b>					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Aug 2023	0/1	0/7
<i>Chilomastix</i> spp.	3 months	Visual	Aug 2023	0/1	0/7
Ectoparasites	3 months	Visual	Aug 2023	0/1	0/7
<i>Entamoeba</i> spp.	3 months	Visual	Aug 2023	1/1	5/7
<i>Giardia</i> spp.	3 months	Visual	Aug 2023	0/1	0/7
<i>Hexamastix</i> spp.	3 months	Visual	Aug 2023	0/1	0/7
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug 2023	0/1	0/7
<i>Rodentolepis nana</i>	3 months	Visual	Aug 2023	0/1	0/7
<i>Spironucleus</i> spp.	3 months	Visual	Aug 2023	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	Aug 2023	0/1	0/7
Trichomonads	3 months	Visual	Aug 2023	0/1	0/7

Data are expressed as number positive/number tested.

Signature of Veterinarian: \_\_\_\_\_

## Laboratory Animal Center Health Monitoring Report in 2023

Location(Room#): **Rodent area  
(R2-B1125~R2-B1126, R2-B1131)**

Date of Issue: **Sep. 11, 2023**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Microbiology</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	May 2023	0/5	0/15
<i>Clostridium piliforme</i>	Annually	PCR	May 2023	0/5	0/11
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	0/5	0/15
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2023	0/5	0/11
<i>Mycoplasma</i> spp.	6 months	PCR	May 2023	0/5	0/15
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/5	0/15
<i>Pneumocystis</i> spp.	6 months	PCR	May 2023	0/5	0/15
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2023	0/5	0/15
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/5	0/11
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	0/5	0/15
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/5	0/15
<b>II. Parasitology</b>					
<i>Aspicularis tetraptera</i>	6 months	Visual	May 2023	0/5	0/15
<i>Chilomastix</i> spp.	6 months	Visual	May 2023	0/5	0/15
Ectoparasites	6 months	Visual	May 2023	0/5	0/15
<i>Entamoeba</i> spp.	6 months	Visual	May 2023	0/5	0/15
<i>Giardia</i> spp.	6 months	Visual	May 2023	0/5	0/15
<i>Hexamastix</i> spp.	6 months	Visual	May 2023	0/5	0/15
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2023	0/5	0/15
<i>Rodentolepis nana</i>	6 months	Visual	May 2023	0/5	0/15
<i>Spirotrunculus</i> spp.	6 months	Visual	May 2023	0/5	0/15
<i>Syphacia</i> spp.	6 months	Visual	May 2023	0/5	0/15
Trichomonads	6 months	Visual	May 2023	0/5	0/15

Data are expressed as number positive/number tested.

Signature of Veterinarian: \_\_\_\_\_

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2023**

Location(Room#): **Isolated area(R2-B1232)**

Date of Issue: **Sep. 11, 2023**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2023	0/4	0/8
Hantavirus	Annually	ELISA	May 2023	0/4	0/8
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/4	0/8
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/4	0/8
Mouse adenovirus (MAd1)	Annually	ELISA	May 2023	0/4	0/8
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug 2023	0/4	0/24
Mouse norovirus (MNV)	3 months	ELISA	Aug 2023	3/4	20/24
Mouse parvovirus (MPV)	3 months	ELISA	Aug 2023	0/4	0/24
Mouse polyomavirus	Annually	ELISA	May 2023	0/4	0/8
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/4	0/8
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/4	0/8
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2023	0/4	0/8
Sendai virus	Annually	ELISA	May 2023	0/4	0/8
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug 2023	0/4	0/20
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	2/4	4/12
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Aug 2023	0/4	0/24
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/2	0/10
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/2	0/6
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	0/2	0/10
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/2	0/10
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug 2023	0/4	0/22
<i>Chilomastix</i> spp.	3 months	Visual	Aug 2023	1/4	4/22
Ectoparasites	3 months	Visual	Aug 2023	0/4	0/24
<i>Entamoeba</i> spp.	3 months	Visual	Aug 2023	1/4	4/22
<i>Giardia</i> spp.	3 months	Visual	Aug 2023	0/4	0/22
<i>Hexamastix</i> spp.	3 months	Visual	Aug 2023	0/4	1/22
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug 2023	0/4	0/22
<i>Rodentolepis nana</i>	3 months	Visual	Aug 2023	0/4	0/22
<i>Spiroucleus</i> spp.	3 months	Visual	Aug 2023	0/4	0/22
<i>Syphacia</i> spp.	3 months	Visual	Aug 2023	0/4	0/24
Trichomonads	3 months	Visual	Aug 2023	0/4	3/22

Data are expressed as number positive/number tested.

Signature of Veterinarian: \_\_\_\_\_

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2023**

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

Date of Issue: **Sep. 11, 2023**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Hantavirus	Annually	ELISA	May 2023	0/1	0/2
Kilham's rat virus (KRV)	6 months	ELISA	May 2023	0/1	0/3
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/1	0/2
Rat parvovirus (RPV)	3 months	ELISA	Aug 2023	0/1	0/6
Rat Theilovirus (RTV)	3 months	ELISA	Aug 2023	0/1	0/6
Reovirus 3 (Reo 3)	Annually	ELISA	May 2023	0/1	0/2
Sendai virus	Annually	ELISA	May 2023	0/1	0/2
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Aug 2023	0/1	0/6
<b>II. Microbiology</b>					
<i>Campylobacter jejuni</i>	Annually	Culture	May 2023	0/1	0/2
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	0/1	1/3
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Aug 2023	0/1	0/6
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/1	0/3
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/1	0/2
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	1/1	1/3
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/1	0/3
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug 2023	0/1	0/6
<i>Chilomastix</i> spp.	3 months	Visual	Aug 2023	0/1	0/6
Ectoparasites	3 months	Visual	Aug 2023	0/1	0/6
<i>Entamoeba</i> spp.	3 months	Visual	Aug 2023	0/1	0/6
<i>Giardia</i> spp.	3 months	Visual	Aug 2023	0/1	0/6
<i>Hexamastix</i> spp.	3 months	Visual	Aug 2023	1/1	4/6
<i>Hymenolepis diminuta</i>	3 months	Visual	Aug 2023	0/1	0/6
<i>Rodentolepis nana</i>	3 months	Visual	Aug 2023	0/1	0/6
<i>Spironucleus</i> spp.	3 months	Visual	Aug 2023	0/1	0/6
<i>Syphacia</i> spp.	3 months	Visual	Aug 2023	0/1	0/6
Trichomonads	3 months	Visual	Aug 2023	0/1	1/6

Data are expressed as number positive/number tested.

Signature of Veterinarian: \_\_\_\_\_

**National Health Research Institutes  
Laboratory Animal Center- Tainan branch  
Health Monitoring Report in 2023**

Location(Room#): **2B034 、 2B035**

Date of Issue: **Sep. 11, 2023**

Species: **Mouse**

Housing: **IVC cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2023	0/5	0/10
Hantavirus	Annually	ELISA	May 2023	0/5	0/10
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/5	0/10
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/5	0/10
Mouse adenovirus (MAd1)	Annually	ELISA	May 2023	0/5	0/10
Mouse hepatitis virus (MHV)	3 months	ELISA	Aug 2023	0/5	0/30
Mouse norovirus (MNV)	3 months	ELISA	Aug 2023	0/5	0/30
Mouse parvovirus (MPV)	3 months	ELISA	Aug 2023	0/5	0/30
Mouse polyomavirus	Annually	ELISA	May 2023	0/5	0/10
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/5	0/10
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/5	0/10
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2023	0/5	0/10
Sendai virus	Annually	ELISA	May 2023	0/5	0/10
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Aug 2023	0/5	0/30
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	0/5	0/15
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Aug 2023	0/5	0/29
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/5	0/14
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/5	0/10
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	0/5	0/14
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/5	0/14
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Aug 2023	0/5	0/30
<i>Chilomastix</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
Ectoparasites	3 months	Visual	Aug 2023	0/5	0/30
<i>Entamoeba</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
<i>Giardia</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
<i>Hexamastix</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
<i>Rodentolepis nana</i>	3 months	Visual	Aug 2023	0/5	0/30
<i>Spironucleus</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
<i>Syphacia</i> spp.	3 months	Visual	Aug 2023	0/5	0/30
Trichomonads	3 months	Visual	Aug 2023	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 2023**

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

Date of Issue: **Sep. 11, 2023**

Species: **Immunodeficient Mouse**

Housing: **IVC cages**

Items	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Microbiology</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	May 2023	0/1	0/2
<i>Clostridium piliforme</i>	Annually	PCR	May 2023	0/1	0/2
<i>Helicobacter</i> spp.	6 months	PCR	May 2023	0/1	0/2
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2023	0/1	0/2
<i>Mycoplasma</i> spp.	6 months	PCR	May 2023	0/1	0/2
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2023	0/1	0/2
<i>Pneumocystis</i> spp.	6 months	PCR	May 2023	0/1	0/2
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2023	0/1	0/2
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/1	0/2
<i>Staphylococcus aureus</i>	6 months	Culture	May 2023	0/1	0/2
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2023	0/1	0/2
<b>II. Parasitology</b>					
<i>Aspiculuris tetraptera</i>	6 months	Visual	May 2023	0/1	0/2
<i>Chilomastix</i> spp.	6 months	Visual	May 2023	0/1	0/2
Ectoparasites	6 months	Visual	May 2023	0/1	0/2
<i>Entamoeba</i> spp.	6 months	Visual	May 2023	0/1	0/2
<i>Giardia</i> spp.	6 months	Visual	May 2023	0/1	0/2
<i>Hexamastix</i> spp.	6 months	Visual	May 2023	0/1	0/2
<i>Hymenolepis diminuta</i>	6 months	Visual	May 2023	0/1	0/2
<i>Rodentolepis nana</i>	6 months	Visual	May 2023	0/1	0/2
<i>Spirotrichus</i> spp.	6 months	Visual	May 2023	0/1	0/2
<i>Syphacia</i> spp.	6 months	Visual	May 2023	0/1	0/2
Trichomonads	6 months	Visual	May 2023	0/1	0/2

Data are expressed as number positive/number tested.

Signature of Veterinarian: \_\_\_\_\_