

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

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

Date of Issue: **Dec. 18, 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	0/49
Hantavirus	Annually	ELISA	May 2023	0/49	0/49
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/49	0/49
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/49	0/49
Mouse adenovirus (MAd1)	Annually	ELISA	Aug 2023	0/5	1/54
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov 2023	0/48	0/298
Mouse norovirus (MNV)	3 months	ELISA	Nov 2023	13/48	56/298
Mouse parvovirus (MPV)	3 months	ELISA	Nov 2023	0/48	0/298
Mouse polyomavirus	Annually	ELISA	May 2023	0/49	0/49
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/49	0/49
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/49	0/49
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2023	0/49	0/49
Sendai virus	Annually	ELISA	May 2023	0/49	0/49
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Nov 2023	0/48	0/298
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Nov 2023	16/48	38/148
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Nov 2023	0/48	0/298
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2023	0/41	0/126
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/43	0/43
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2023	0/41	1/126
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2023	0/41	0/126
<b>III. Parasitology</b>					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov 2023	0/48	0/292
<i>Chilomastix</i> spp.	3 months	Visual	Nov 2023	0/48	0/292
Ectoparasites	3 months	Visual	Nov 2023	0/48	0/298
<i>Entamoeba</i> spp.	3 months	Visual	Nov 2023	3/48	41/292
<i>Giardia</i> spp.	3 months	Visual	Nov 2023	0/48	0/292
<i>Hexamastix</i> spp.	3 months	Visual	Nov 2023	0/48	0/292
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov 2023	0/48	0/292
<i>Rodentolepis nana</i>	3 months	Visual	Nov 2023	0/48	0/292
<i>Spiroplasma</i> spp.	3 months	Visual	Nov 2023	0/48	0/292
<i>Syphacia</i> spp.	3 months	Visual	Nov 2023	0/48	0/298
Trichomonads	3 months	Visual	Nov 2023	0/48	0/292

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

Date of Issue: **Dec. 18, 2023**

Species: **Rat**

Housing: **Filter top cages**

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

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

Date of Issue: **Dec. 18, 2023**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top cages**

Organism	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Microbiology</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Nov 2023	0/5	0/14
<i>Clostridium piliforme</i>	Annually	PCR	May 2023	0/5	0/5
<i>Corynebacterium bovis</i>	Annually	PCR	Nov 2023	0/10	0/10
<i>Helicobacter</i> spp.	6 months	PCR	Nov 2023	0/5	0/14
<i>Klebsiella pneumoniae</i>	Annually	Culture	Nov 2023	0/5	0/10
<i>Mycoplasma</i> spp.	6 months	PCR	Nov 2023	0/5	0/14
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2023	0/5	0/14
<i>Pneumocystis</i> spp.	6 months	PCR	Nov 2023	0/5	0/14
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov 2023	0/5	0/14
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/5	0/5
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2023	0/5	0/14
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2023	0/5	0/14
<b>II. Parasitology</b>					
<i>Aspicularis tetraptera</i>	6 months	Visual	Nov 2023	0/5	0/14
<i>Chilomastix</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
Ectoparasites	6 months	Visual	Nov 2023	0/5	0/14
<i>Entamoeba</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
<i>Giardia</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
<i>Hexamastix</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
<i>Hymenolepis diminuta</i>	6 months	Visual	Nov 2023	0/5	0/14
<i>Rodentolepis nana</i>	6 months	Visual	Nov 2023	0/5	0/14
<i>Spironucleus</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
<i>Syphacia</i> spp.	6 months	Visual	Nov 2023	0/5	0/14
Trichomonads	6 months	Visual	Nov 2023	0/5	0/14

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-B1315)**

Date of Issue: **Dec. 18, 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	0/4	0/4
Hantavirus	Annually	ELISA	May 2023	0/4	0/4
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/4	0/4
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/4	0/4
Mouse adenovirus (MAd1)	Annually	ELISA	May 2023	0/4	0/4
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov 2023	0/4	0/24
Mouse norovirus (MNV)	3 months	ELISA	Nov 2023	3/4	20/24
Mouse parvovirus (MPV)	3 months	ELISA	Nov 2023	0/4	0/24
Mouse polyomavirus	Annually	ELISA	May 2023	0/4	0/4
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/4	0/4
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/4	0/4
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2023	0/4	0/4
Sendai virus	Annually	ELISA	May 2023	0/4	0/4
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Nov 2023	0/4	0/20
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Nov 2023	3/4	7/12
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Nov 2023	0/4	0/24
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2023	0/2	0/8
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/2	0/2
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2023	0/2	0/8
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2023	0/2	0/8
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov 2023	0/4	0/22
<i>Chilomastix</i> spp.	3 months	Visual	Nov 2023	1/4	5/22
Ectoparasites	3 months	Visual	Nov 2023	0/4	0/24
<i>Entamoeba</i> spp.	3 months	Visual	Nov 2023	0/4	3/22
<i>Giardia</i> spp.	3 months	Visual	Nov 2023	0/4	0/22
<i>Hexamastix</i> spp.	3 months	Visual	Nov 2023	0/4	0/22
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov 2023	0/4	0/22
<i>Rodentolepis nana</i>	3 months	Visual	Nov 2023	0/4	0/22
<i>Spironucleus</i> spp.	3 months	Visual	Nov 2023	0/4	0/22
<i>Syphacia</i> spp.	3 months	Visual	Nov 2023	0/4	0/24
Trichomonads	3 months	Visual	Nov 2023	0/4	2/22

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: **Dec. 18, 2023**

Species: **Rat**

Housing: **Filter top cages**

Organism	Test frequency	Test method	Latest test date	Latest results	Previous 18 months
<b>I. Virology</b>					
Hantavirus	Annually	ELISA	May 2023	0/1	0/1
Kilham's rat virus (KRV)	6 months	ELISA	Nov 2023	0/1	0/3
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/1	0/1
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/1	0/1
Rat parvovirus (RPV)	3 months	ELISA	Nov 2023	0/1	0/6
Rat Theilovirus (RTV)	3 months	ELISA	Nov 2023	0/1	0/6
Reovirus 3 (Reo 3)	Annually	ELISA	May 2023	0/1	0/1
Sendai virus	Annually	ELISA	May 2023	0/1	0/1
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Nov 2023	0/1	0/6
<b>II. Microbiology</b>					
<i>Campylobacter jejuni</i>	Annually	Culture	May 2023	0/1	0/1
<i>Helicobacter</i> spp.	6 months	PCR	Nov 2023	0/1	1/3
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Nov 2023	0/1	0/6
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2023	0/1	0/3
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/1	0/1
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2023	1/1	2/3
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2023	0/1	0/3
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov 2023	0/1	0/6
<i>Chilomastix</i> spp.	3 months	Visual	Nov 2023	0/1	0/6
Ectoparasites	3 months	Visual	Nov 2023	0/1	0/6
<i>Entamoeba</i> spp.	3 months	Visual	Nov 2023	0/1	0/6
<i>Giardia</i> spp.	3 months	Visual	Nov 2023	0/1	0/6
<i>Hexamastix</i> spp.	3 months	Visual	Nov 2023	1/1	5/6
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov 2023	0/1	0/6
<i>Rodentolepis nana</i>	3 months	Visual	Nov 2023	0/1	0/6
<i>Spironucleus</i> spp.	3 months	Visual	Nov 2023	0/1	0/6
<i>Syphacia</i> spp.	3 months	Visual	Nov 2023	0/1	0/6
Trichomonads	3 months	Visual	Nov 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#): **2B033~2B035**

Date of Issue: **Dec. 18, 2023**

Species: **Mouse**

Housing: **IVC**

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	0/5	0/5
Hantavirus	Annually	ELISA	May 2023	0/5	0/5
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2023	0/5	0/5
Minute virus of mice (MVM)	Annually	ELISA	May 2023	0/5	0/5
Mouse adenovirus (MAd1)	Annually	ELISA	May 2023	0/5	0/5
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov 2023	0/4	0/29
Mouse norovirus (MNV)	3 months	ELISA	Nov 2023	0/4	0/29
Mouse parvovirus (MPV)	3 months	ELISA	Nov 2023	0/4	0/29
Mouse polyomavirus	Annually	ELISA	May 2023	0/5	0/5
Mouse rotavirus (EDIM)	Annually	ELISA	May 2023	0/5	0/5
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2023	0/5	0/5
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2023	0/5	0/5
Sendai virus	Annually	ELISA	May 2023	0/5	0/5
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Nov 2023	0/4	0/29
<b>II. Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Nov 2023	0/4	0/14
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Nov 2023	0/4	0/28
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2023	0/4	0/13
<i>Salmonella</i> spp.	Annually	Culture	May 2023	0/5	0/5
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2023	0/4	0/13
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2023	0/4	0/13
<b>III. Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov 2023	0/4	0/29
<i>Chilomastix</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
Ectoparasites	3 months	Visual	Nov 2023	0/4	0/29
<i>Entamoeba</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
<i>Giardia</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
<i>Hexamastix</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
<i>Rodentolepis nana</i>	3 months	Visual	Nov 2023	0/4	0/29
<i>Spironucleus</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
<i>Syphacia</i> spp.	3 months	Visual	Nov 2023	0/4	0/29
Trichomonads	3 months	Visual	Nov 2023	0/4	0/29

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: **Dec. 18, 2023**

Species: **Immunodeficient Mouse**

Housing: **IVC**

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

Data are expressed as number positive/number tested.

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