

**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: **Apr. 26, 2022**

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 2021	0/58	0/58
Hantavirus	Annually	ELISA	May 2021	0/58	0/58
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	Dec. 2021	0/54	0/166
Minute virus of mice (MVM)	Annually	ELISA	Dec. 2021	0/54	0/272
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	Dec. 2021	0/54	0/166
Mouse hepatitis virus (MHV)	3 months	ELISA	Feb. 2022	0/55	0/327
Mouse norovirus (MNV)	3 months	ELISA	Feb. 2022	12/55	56/327
Mouse parvovirus (MPV)	3 months	ELISA	Feb. 2022	0/55	0/327
Mouse polyomavirus	Annually	ELISA	May 2021	0/58	0/58
Mouse rotavirus (EDIM)	Annually	ELISA	Dec. 2021	0/54	0/272
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2021	0/58	0/58
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2021	0/58	0/58
Sendai virus	Annually	ELISA	May 2021	0/58	0/58
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Feb. 2022	0/55	0/327
<b>II ․ Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	8/44	32/156
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/58	0/112
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Feb. 2022	0/55	0/327
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/44	0/156
<i>Salmonella</i> spp.	Annually	Culture	May 2022	0/58	0/112
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	0/44	0/156
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/44	0/156
<b>III ․ Parasitology</b>					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Feb. 2022	0/55	0/327
<i>Chilomastix</i> spp.	3 months	Visual	Feb. 2022	0/55	0/327
Ectoparasites	3 months	Visual	Feb. 2022	0/55	0/327
<i>Entamoeba</i> spp.	3 months	Visual	Feb. 2022	13/55	87/327
<i>Giardia</i> spp.	3 months	Visual	Feb. 2022	0/55	0/327
<i>Hexamastix</i> spp.	3 months	Visual	Feb. 2022	0/55	0/327
<i>Hymenolepis diminuta</i>	3 months	Visual	Feb. 2022	0/55	0/327
<i>Rodentolepis nana</i>	3 months	Visual	Feb. 2022	0/55	0/327
<i>Spironucleus</i> spp.	3 months	Visual	Feb. 2022	0/55	0/327
<i>Syphacia</i> spp.	3 months	Visual	Feb. 2022	0/55	0/327
Trichomonads	3 months	Visual	Feb. 2022	0/55	0/327

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)**

Date of Issue: **Apr. 26, 2022**

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 2021	0/1	0/1
Kilham's rat virus (KRV)	6 months	ELISA	Dec. 2021	0/1	0/3
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2021	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2021	0/1	0/1
Rat parvovirus	3 months	ELISA	Feb. 2022	0/2	0/7
Sendai virus	Annually	ELISA	May 2021	0/1	0/1
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Feb. 2022	0/2	0/7
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Feb. 2022	0/2	0/7
<b>II - Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	0/1	0/3
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/1	0/2
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Feb. 2022	0/2	0/7
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/1	0/3
<i>Salmonella</i> spp.	Annually	Culture	May 2021	0/1	0/2
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	1/1	2/3
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/1	0/3
<b>III - Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Feb. 2022	0/2	0/7
<i>Chilomastix</i> spp.	3 months	Visual	Feb. 2022	0/2	0/7
Ectoparasites	3 months	Visual	Feb. 2022	0/2	0/7
<i>Entamoeba</i> spp.	3 months	Visual	Feb. 2022	0/2	5/7
<i>Giardia</i> spp.	3 months	Visual	Feb. 2022	0/2	0/7
<i>Hexamastix</i> spp.	3 months	Visual	Feb. 2022	0/2	0/7
<i>Hymenolepis diminuta</i>	3 months	Visual	Feb. 2022	0/2	0/7
<i>Rodentolepis nana</i>	3 months	Visual	Feb. 2022	0/2	0/7
<i>Spironucleus</i> spp.	3 months	Visual	Feb. 2022	0/2	0/7
<i>Syphacia</i> spp.	3 months	Visual	Feb. 2022	0/2	0/7
Trichomonads	3 months	Visual	Feb. 2022	0/2	0/7

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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: **Apr. 26, 2022**

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	Dec. 2021	0/4	0/14
<i>Clostridium piliforme</i>	Annually	PCR	May 2021	0/5	0/10
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	0/4	0/14
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/5	0/10
<i>Mycoplasma</i> spp.	6 months	PCR	Dec. 2021	0/4	0/14
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/4	0/14
<i>Pneumocystis</i> spp.	6 months	PCR	Dec. 2021	0/4	0/14
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Dec. 2021	0/4	0/14
<i>Salmonella</i> spp.	Annually	Culture	May 2021	0/5	0/10
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	1/4	2/14
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/4	0/14
<b>II \ Parasitology</b>					
<i>Aspicularis tetraptera</i>	6 months	Visual	Dec. 2021	0/4	0/14
<i>Chilomastix</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
Ectoparasites	6 months	Visual	Dec. 2021	0/4	0/14
<i>Entamoeba</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
<i>Giardia</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
<i>Hexamastix</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
<i>Hymenolepis diminuta</i>	6 months	Visual	Dec. 2021	0/4	0/14
<i>Rodentolepis nana</i>	6 months	Visual	Dec. 2021	0/4	0/14
<i>Spironucleus</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
<i>Syphacia</i> spp.	6 months	Visual	Dec. 2021	0/4	0/14
Trichomonads	6 months	Visual	Dec. 2021	0/4	0/14

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

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

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

Date of Issue: **Apr. 26, 2022**

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 2021	0/4	0/4
Hantavirus	Annually	ELISA	May 2021	0/4	0/4
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	Dec. 2021	0/4	0/12
Minute virus of mice (MVM)	Annually	ELISA	Dec. 2021	0/4	0/20
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	Dec. 2021	0/4	0/12
Mouse hepatitis virus (MHV)	3 months	ELISA	Feb. 2022	0/4	0/24
Mouse norovirus (MNV)	3 months	ELISA	Feb. 2022	4/4	18/24
Mouse parvovirus (MPV)	3 months	ELISA	Feb. 2022	0/4	0/24
Mouse polyomavirus	Annually	ELISA	May 2021	0/4	0/4
Mouse rotavirus (EDIM)	Annually	ELISA	Dec. 2021	0/4	0/20
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2021	0/4	0/4
Reovirus type 3 (Reo-3)	Annually	ELISA	May 2021	0/4	0/4
Sendai virus	Annually	ELISA	May 2021	0/4	0/4
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Feb. 2022	0/4	0/24
<b>II \ Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	3/4	5/12
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/2	0/4
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Feb. 2022	0/4	0/24
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/2	0/6
<i>Salmonella</i> spp.	Annually	Culture	May 2021	0/2	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	0/2	0/6
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/2	0/6
<b>III \ Parasitology</b>					
<i>Aspiculuris tetraptera</i>	3 months	Visual	Feb. 2022	0/4	0/24
<i>Chilomastix</i> spp.	3 months	Visual	Feb. 2022	1/4	4/24
Ectoparasites	3 months	Visual	Feb. 2022	0/4	0/24
<i>Entamoeba</i> spp.	3 months	Visual	Feb. 2022	0/4	4/24
<i>Giardia</i> spp.	3 months	Visual	Feb. 2022	0/4	0/24
<i>Hexamastix</i> spp.	3 months	Visual	Feb. 2022	0/4	0/24
<i>Hymenolepis diminuta</i>	3 months	Visual	Feb. 2022	0/4	0/24
<i>Rodentolepis nana</i>	3 months	Visual	Feb. 2022	0/4	0/24
<i>Spiroucleus</i> spp.	3 months	Visual	Feb. 2022	0/4	0/24
<i>Syphacia</i> spp.	3 months	Visual	Feb. 2022	0/4	0/24
Trichomonads	3 months	Visual	Feb. 2022	0/4	1/24

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

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

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

Date of Issue: **Apr. 26, 2022**

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 2021	0/2	0/2
Kilham's rat virus (KRV)	6 months	ELISA	Dec. 2021	0/1	0/5
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	May 2021	0/2	0/4
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2021	0/2	0/2
Rat parvovirus	3 months	ELISA	Feb. 2022	0/1	0/10
Sendai virus	Annually	ELISA	May 2021	0/2	0/2
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Feb. 2022	0/1	0/10
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Feb. 2022	0/1	0/10
<b>II 、 Microbiology</b>					
<i>Campylobacter jejuni</i>	Annually	Culture	May 2021	0/1	0/1
<i>Helicobacter spp.</i>	6 months	PCR	Dec. 2021	1/1	3/5
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/2	0/4
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Feb. 2022	0/1	0/10
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Salmonella spp.</i>	Annually	Culture	May 2021	0/2	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/1	0/5
<b>III 、 Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Feb. 2022	0/1	0/10
<i>Chilomastix spp.</i>	3 months	Visual	Feb. 2022	0/1	0/10
Ectoparasites	3 months	Visual	Feb. 2022	0/1	0/10
<i>Entamoeba spp.</i>	3 months	Visual	Feb. 2022	0/1	4/10
<i>Giardia spp.</i>	3 months	Visual	Feb. 2022	0/1	0/10
<i>Hexamastix spp.</i>	3 months	Visual	Feb. 2022	1/1	10/10
<i>Hymenolepis diminuta</i>	3 months	Visual	Feb. 2022	0/1	0/10
<i>Rodentolepis nana</i>	3 months	Visual	Feb. 2022	0/1	0/10
<i>Spironucleus spp.</i>	3 months	Visual	Feb. 2022	0/1	0/10
<i>Syphacia spp.</i>	3 months	Visual	Feb. 2022	0/1	0/10
Trichomonads	3 months	Visual	Feb. 2022	0/1	1/10

Data are expressed as number positive/number tested.

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

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

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

Date of Issue: **Apr. 26, 2022**

Species: **Mouse**

Housing: **IVC cages**

Items	Test frequency	Test method	Latest test date	Latest results	Historical results (<18 months)
<b>I 、Virology</b>					
Ectromelia virus (Pox virus)	Annually	ELISA	May 2021	0/6	0/10
Hantavirus	Annually	ELISA	May 2021	0/6	0/6
Lymphocytic choriomeningitis virus (LCMV)	Annually	ELISA	Dec. 2021	0/4	0/24
Minute virus of mice (MVM)	Annually	ELISA	Dec. 2021	0/4	0/28
Mouse adenovirus (MAd1, MAd2)	Annually	ELISA	Dec. 2021	0/4	0/24
Mouse hepatitis virus (MHV)	3 months	ELISA	Feb. 2022	0/5	0/33
Mouse norovirus (MNV)	3 months	ELISA	Feb. 2022	1/5	1/33
Mouse parvovirus (MPV)	3 months	ELISA	Feb. 2022	0/5	0/33
Mouse polyomavirus	Annually	ELISA	May 2021	0/6	0/6
Mouse rotavirus (EDIM)	Annually	ELISA	Dec. 2021	0/4	0/28
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2021	0/6	0/6
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2021	0/6	0/6
Sendai virus	Annually	ELISA	May 2021	0/6	0/6
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Feb. 2022	0/5	0/33
<b>II 、Microbiology</b>					
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	0/4	0/24
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/6	0/24
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Feb. 2022	0/5	0/33
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/4	0/24
<i>Salmonella</i> spp.	Annually	Culture	May 2021	0/6	0/24
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	0/4	0/24
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/4	0/24
<b>III 、Parasitology</b>					
<i>Aspicularis tetraptera</i>	3 months	Visual	Feb. 2022	0/5	0/33
<i>Chilomastix</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
Ectoparasites	3 months	Visual	Feb. 2022	0/5	0/33
<i>Entamoeba</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
<i>Giardia</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
<i>Hexamastix</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
<i>Rodentolepis nana</i>	3 months	Visual	Feb. 2022	0/5	0/33
<i>Spiroucleus</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
<i>Syphacia</i> spp.	3 months	Visual	Feb. 2022	0/5	0/33
Trichomonads	3 months	Visual	Feb. 2022	0/5	0/33

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: **Apr. 26, 2022**

Species: **Immunodeficient Mouse**

Housing: **IVC cages**

Items	Test frequency	Test method	Latest test date	Latest results	Historical results (<18 months)
<b>I - Microbiology</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Clostridium piliforme</i>	Annually	PCR	May 2021	0/2	0/4
<i>Helicobacter</i> spp.	6 months	PCR	Dec. 2021	0/1	0/5
<i>Klebsiella pneumoniae</i>	Annually	Culture	May 2021	0/2	0/4
<i>Mycoplasma</i> spp.	6 months	PCR	Dec. 2021	0/1	0/5
<i>Pasteurella pneumotropica</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Pneumocystis</i> spp.	6 months	PCR	Dec. 2021	0/1	0/5
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Salmonella</i> spp.	Annually	Culture	May 2021	0/2	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Dec. 2021	0/1	0/5
<i>Streptococcus pneumoniae</i>	6 months	Culture	Dec. 2021	0/1	0/5
<b>II - Parasitology</b>					
<i>Aspicularis tetraptera</i>	6 months	Visual	Dec. 2021	0/1	0/5
<i>Chilomastix</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
Ectoparasites	6 months	Visual	Dec. 2021	0/1	0/5
<i>Entamoeba</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
<i>Giardia</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
<i>Hexamastix</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
<i>Hymenolepis diminuta</i>	6 months	Visual	Dec. 2021	0/1	0/1
<i>Rodentolepis nana</i>	6 months	Visual	Dec. 2021	0/1	0/5
<i>Spirotrichomonas</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
<i>Syphacia</i> spp.	6 months	Visual	Dec. 2021	0/1	0/5
Trichomonads	6 months	Visual	Dec. 2021	0/1	0/5

Data are expressed as number positive/number tested.

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