

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2017**

Location(Room#): **Rodent area  
(R2-B1114~R2-B1154, R2-B1231~R2-B1235)**

Date of Issue: **Nov. 27, 2017**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
<b>I - Serology:</b>					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov., 2017	0/53	0/370
Mouse Parvovirus (MPV)	3 months	ELISA	Nov., 2017	0/53	0/370
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Nov., 2017	0/53	0/370
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2017	0/53	0/370
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2017	0/53	0/212
Minute virus of mice (MVM)	6 months	ELISA	Nov., 2017	0/53	0/212
Mouse adenovirus (Mad)	6 months	ELISA	Nov., 2017	0/53	0/212
Mouse Norovirus (MNV)	6 months	ELISA	Nov., 2017	18/53	41/212
Hantavirus	Annually	ELISA	May, 2017	0/56	0/106
Ectromelia virus (Pox virus)	Annually	ELISA	May, 2017	0/56	0/106
Epizootic diarrhea of infant mice (EDIM)	Annually	ELISA	May, 2017	0/56	0/106
Pneumonia virus of mice (PVM)	Annually	ELISA	May, 2017	0/56	0/106
Reovirus Type 3 (Reo-3)	Annually	ELISA	May, 2017	0/56	0/106
Sendai virus	Annually	ELISA	May, 2017	0/56	0/106
<b>II - Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2017	0/38	0/160
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2017	0/38	0/160
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2017	0/38	0/160
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2017	0/38	21/175
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2017	0/38	0/160
<i>Helicobacter</i> spp.	Annually	PCR	May, 2017	21/56	36/106
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2017	0/53	0/373
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2017	9/53	104/373
<i>Giardia</i> spp.	3 months	Visual	Nov., 2017	0/53	0/373
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2017	0/53	0/373
<i>Spironucleus</i> spp.	3 months	Visual	Nov., 2017	0/53	0/373
Trichomonads	3 months	Visual	Nov., 2017	0/53	1/373
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov., 2017	0/53	0/373
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2017	0/53	0/373
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2017	0/53	0/373
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2017	0/53	0/373
Ectoparasites	3 months	Visual	Nov., 2017	0/53	0/373

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2017**

Location(Room#): **Rodent area  
(R2-B1114~R2-B1154, R2-B1231~R2-B1235)**  
Species: **Rat**

Date of Issue: **Nov. 27, 2017**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
<b>I - Serology:</b>					
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Nov., 2017	0/1	0/15
Rat parvovirus	3 months	ELISA	Nov., 2017	0/1	0/15
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Nov., 2017	0/1	0/15
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2017	0/1	0/15
Kilham's rat virus (KRV)	6 months	ELISA	Nov., 2017	0/1	0/6
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2017	0/1	0/6
Hantavirus	Annually	ELISA	May, 2017	0/3	0/4
Pneumonia virus of mice (PVM)	Annually	ELISA	May, 2017	0/3	0/4
Sendai virus	Annually	ELISA	May, 2017	0/3	0/4
<b>II - Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2017	0/1	0/7
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2017	0/1	0/7
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2017	0/1	0/7
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2017	0/1	3/7
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2017	0/1	0/7
<i>Helicobacter</i> spp.	Annually	PCR	May, 2017	0/3	0/4
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2017	0/1	0/15
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2017	1/1	5/15
<i>Giardia</i> spp.	3 months	Visual	Nov., 2017	0/1	0/15
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2017	0/1	0/15
<i>Spiroucleus</i> spp.	3 months	Visual	Nov., 2017	0/1	0/15
Trichomonads	3 months	Visual	Nov., 2017	0/1	0/15
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov., 2017	0/1	0/15
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2017	0/1	0/15
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2017	0/1	0/15
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2017	0/1	0/15
Ectoparasites	3 months	Visual	Nov., 2017	0/1	0/15

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2017**

Location(Room#): **Rodent area(R2-B1125, R2-B1141)** Date of Issue: **Nov. 27, 2017**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top 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	Nov., 2017	0/6	0/26
<i>Citrobacter rodentium</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Clostridium piliforme</i>	6 months	PCR	Nov., 2017	0/6	0/26
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Mycoplasma</i> spp.	6 months	PCR	Nov., 2017	0/6	0/26
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Pneumocystis murina</i>	6 months	PCR	Nov., 2017	0/6	0/26
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2017	0/6	0/26
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2017	0/6	1/29
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2017	0/6	0/26
<i>Helicobacter</i> spp.	Annually	PCR	May, 2017	0/7	1/15
Mouse Norovirus	Annually	RT-PCR	May, 2017	0/7	0/15
<b>II - Parasites:</b>					
<i>Chilomastix</i> spp.	6 months	Visual	Nov., 2017	0/6	0/26
<i>Entamoeba</i> spp.	6 months	Visual	Nov., 2017	1/6	2/26
<i>Giardia</i> spp.	6 months	Visual	Nov., 2017	0/6	0/26
<i>Hexamastix</i> spp.	6 months	Visual	Nov., 2017	0/6	0/26
<i>Spiroplasma</i> spp.	6 months	Visual	Nov., 2017	0/6	0/26
Trichomonads	6 months	Visual	Nov., 2017	0/6	0/26
<i>Aspicularis tetraptera</i>	6 months	Visual	Nov., 2017	0/6	0/26
<i>Hymenolepis diminuta</i>	6 months	Visual	Nov., 2017	0/6	0/26
<i>Syphacia</i> spp.	6 months	Visual	Nov., 2017	0/6	0/26
<i>Rodentolepis nana</i>	6 months	Visual	Nov., 2017	0/6	0/26
Ectoparasites	6 months	Visual	Nov., 2017	0/6	0/26

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2017**

Location(Room#): **Isolated area(R2-B1315~R2-B1317)**

Date of Issue: **Nov. 27, 2017**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
<b>I - Serology:</b>					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov., 2017	0/9	0/63
Mouse Parvovirus (MPV)	3 months	ELISA	Nov., 2017	0/9	0/63
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Nov., 2017	0/9	0/63
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2017	0/9	0/63
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2017	0/9	0/36
Minute virus of mice (MVM)	6 months	ELISA	Nov., 2017	0/9	0/36
Mouse adenovirus (Mad)	6 months	ELISA	Nov., 2017	0/9	2/37
Mouse Norovirus (MNV)	6 months	ELISA	Nov., 2017	4/9	21/36
Hantavirus	Annually	ELISA	May, 2017	0/9	0/18
Ectromelia virus (Pox virus)	Annually	ELISA	May, 2017	0/9	0/18
Epizootic diarrhea of infant mice (EDIM)	Annually	ELISA	May, 2017	0/9	0/18
Pneumonia virus of mice (PVM)	Annually	ELISA	May, 2017	0/9	0/18
Reovirus Type 3 (Reo-3)	Annually	ELISA	May, 2017	0/9	0/18
Sendai virus	Annually	ELISA	May, 2017	0/9	0/18
<b>II - Microbiology:</b>					
<i>Citrobacter rodentium</i>	6 months	Culture	Nov., 2017	0/2	0/9
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2017	0/2	0/9
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2017	0/2	0/9
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2017	0/2	0/9
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2017	0/2	0/9
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2017	0/2	0/9
<i>Helicobacter</i> spp.	Annually	PCR	May, 2017	1/9	3/18
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2017	2/9	15/63
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2017	1/9	22/63
<i>Giardia</i> spp.	3 months	Visual	Nov., 2017	0/9	0/63
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2017	0/9	0/63
<i>Spironucleus</i> spp.	3 months	Visual	Nov., 2017	0/9	0/63
Trichomonads	3 months	Visual	Nov., 2017	2/9	6/63
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov., 2017	0/9	0/63
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2017	0/9	0/63
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2017	0/9	0/63
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2017	0/9	0/63
Ectoparasites	3 months	Visual	Nov., 2017	0/9	0/63

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2017**

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

Date of Issue: **Nov. 27, 2017**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
<b>I - Serology:</b>					
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Nov., 2017	0/1	0/7
Rat parvovirus	3 months	ELISA	Nov., 2017	0/1	0/7
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Nov., 2017	0/1	0/7
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov., 2017	0/1	0/7
Kilham's rat virus (KRV)	6 months	ELISA	Nov., 2017	0/1	0/4
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov., 2017	0/1	0/4
Hantavirus	Annually	ELISA	May, 2017	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	May, 2017	0/1	0/2
Sendai virus	Annually	ELISA	May, 2017	0/1	0/2
<b>II - Microbiology:</b>					
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov., 2017	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov., 2017	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov., 2017	0/1	0/4
<i>Salmonella</i> spp.	6 months	Culture	Nov., 2017	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Nov., 2017	0/1	2/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov., 2017	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	May, 2017	0/1	0/3
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Nov., 2017	1/1	5/7
<i>Entamoeba</i> spp.	3 months	Visual	Nov., 2017	1/1	7/7
<i>Giardia</i> spp.	3 months	Visual	Nov., 2017	0/1	0/7
<i>Hexamastix</i> spp.	3 months	Visual	Nov., 2017	1/1	3/7
<i>Spiroucleus</i> spp.	3 months	Visual	Nov., 2017	0/1	0/7
Trichomonads	3 months	Visual	Nov., 2017	1/1	3/7
<i>Aspicularis tetraptera</i>	3 months	Visual	Nov., 2017	0/1	0/7
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov., 2017	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	Nov., 2017	0/1	0/7
<i>Rodentolepis nana</i>	3 months	Visual	Nov., 2017	0/1	0/7
Ectoparasites	3 months	Visual	Nov., 2017	0/1	0/7

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center- Tainan branch  
Health Monitoring Report in 2017**

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

Date of Issue: **Nov. 29, 2017**

Species: **Mouse**

Housing: **IVC/Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
<b>I、Serology:</b>					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov 2017	0/6	0/38
Mouse parvovirus (MPV)	3 months	ELISA	Nov 2017	0/6	0/38
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Nov 2017	0/6	0/38
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov 2017	0/6	0/38
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov 2017	0/6	0/18
Minute virus of mice (MVM)	6 months	ELISA	Nov 2017	0/6	0/18
Mouse adenovirus (Mad)	6 months	ELISA	Nov 2017	0/6	0/18
Mouse norovirus (MNV)	6 months	ELISA	Nov 2017	0/6	0/18
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2017	0/4	0/8
Ectromelia virus (Pox virus)	Annually	ELISA	May 2017	0/4	0/8
Epizootic-diarrhea of infant-mouse (EDIM)	Annually	ELISA	May 2017	0/4	0/8
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2017	0/4	0/8
Sendai virus	Annually	ELISA	May 2017	0/4	0/8
Mouse norovirus (MNV)★	Annually	RT-PCR	May 2017	0/1	0/2
<b>II、Microbiology:</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Nov 2017	0/1	0/4
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov 2017	0/1	0/4
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov 2017	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov 2017	0/5	0/20
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov 2017	0/5	0/20
<i>Staphylococcus aureus</i>	6 months	Culture	Nov 2017	0/5	2/22
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov 2017	0/5	0/20
<i>Salmonella</i> spp.	6 months	Culture	Nov 2017	0/5	0/20
<i>Clostridium piliforme</i> ★	6 months	PCR	Nov 2017	0/1	0/4
<i>Mycoplasma</i> spp.★	6 months	PCR	Nov 2017	0/1	0/4
<i>Pneumocystis murina</i> ★	6 months	PCR	Nov 2017	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	May 2017	0/1	0/2
<b>III、Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Nov 2017	0/6	0/42
<i>Entamoeba</i> spp.	3 months	Visual	Nov 2017	0/6	0/42
Flagellates	3 months	Visual	Nov 2017	0/6	0/42
<i>Giardia</i> spp.	3 months	Visual	Nov 2017	0/6	0/42
<i>Hexamastix</i> spp.	3 months	Visual	Nov 2017	0/6	0/42
<i>Spironucleus</i> spp.	3 months	Visual	Nov 2017	0/6	0/42
Trichomonads	3 months	Visual	Nov 2017	0/6	0/42
<i>Aspiculuris tetraptera</i>	3 months	Visual	Nov 2017	0/6	0/42
<i>Hymenolepis diminuta</i>	3 months	Visual	Nov 2017	0/6	0/42
<i>Rodentolepis nana</i>	3 months	Visual	Nov 2017	0/6	0/42
<i>Syphacia</i> spp.	3 months	Visual	Nov 2017	0/6	2/42
Ectoparasites	3 months	Visual	Nov 2017	0/6	0/42

Data are expressed as number positive/number tested.

★ Immunocompromised mice only

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