

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2018**

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

Date of Issue: **Jun. 29, 2018**

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	Jun., 2018	0/54	0/378
Mouse Norovirus (MNV)	3 months	ELISA	Jun., 2018	17/54	75/270
Mouse Parvovirus (MPV)	3 months	ELISA	Jun., 2018	0/54	0/378
Minute virus of mice (MVM)	3 months	ELISA	Jun., 2018	0/54	0/270
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Jun., 2018	0/54	0/378
Theiler's murine encephalomyelitis virus (TMEV)	3 months	ELISA	Jun., 2018	0/54	0/378
Mouse rotavirus (Epizootic diarrhea of infant mice) (EDIM)	3 months	ELISA	Jun., 2018	0/54	0/164
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Jun., 2018	0/54	0/216
Mouse adenovirus (Mad)	6 months	ELISA	Jun., 2018	0/54	0/216
Mouse Polyomavirus	6 months	ELISA	Jun., 2018	0/54	0/54
Hantavirus	Annually	ELISA	Jun., 2018	0/54	0/110
Ectromelia virus (Pox virus)	Annually	ELISA	Jun., 2018	0/54	0/110
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/54	0/110
Reovirus Type 3 (Reo-3)	Annually	ELISA	Jun., 2018	0/54	0/110
Sendai virus	Annually	ELISA	Jun., 2018	0/54	0/110
<b>II - Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Jun., 2018	0/38	0/161
<i>Pasteurella pneumotropica</i>	6 months	Culture	Jun., 2018	0/38	0/161
<i>Salmonella</i> spp.	6 months	Culture	Jun., 2018	0/38	0/161
<i>Staphylococcus aureus</i>	6 months	Culture	Jun., 2018	0/38	3/161
<i>Streptococcus pneumoniae</i>	6 months	Culture	Jun., 2018	0/38	0/161
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	13/54	34/110
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Jun., 2018	0/54	0/381
<i>Entamoeba</i> spp.	3 months	Visual	Jun., 2018	13/54	96/381
<i>Giardia</i> spp.	3 months	Visual	Jun., 2018	0/54	0/381
<i>Hexamastix</i> spp.	3 months	Visual	Jun., 2018	0/54	0/381
<i>Spiroucleus</i> spp.	3 months	Visual	Jun., 2018	0/54	0/381
Trichomonads	3 months	Visual	Jun., 2018	0/54	0/381
<i>Aspicularis tetraptera</i>	3 months	Visual	Jun., 2018	0/54	0/381
<i>Hymenolepis diminuta</i>	3 months	Visual	Jun., 2018	0/54	0/381
<i>Syphacia</i> spp.	3 months	Visual	Jun., 2018	0/54	0/381
<i>Rodentolepis nana</i>	3 months	Visual	Jun., 2018	0/54	0/381
Ectoparasites	3 months	Visual	Jun., 2018	0/54	0/381

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2018**

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

Date of Issue:**Jun. 29, 2018**

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	Jun., 2018	0/2	0/15
Rat parvovirus	3 months	ELISA	Jun., 2018	0/2	0/15
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Jun., 2018	0/2	0/15
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Jun., 2018	0/2	0/15
Kilham's rat virus (KRV)	6 months	ELISA	Jun., 2018	0/2	0/8
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Jun., 2018	0/2	0/8
Hantavirus	Annually	ELISA	Jun., 2018	0/2	0/5
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/2	0/5
Sendai virus	Annually	ELISA	Jun., 2018	0/2	0/5
<b>II \ Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Jun., 2018	0/1	0/7
<i>Pasteurella pneumotropica</i>	6 months	Culture	Jun., 2018	0/1	0/7
<i>Salmonella</i> spp.	6 months	Culture	Jun., 2018	0/1	0/7
<i>Staphylococcus aureus</i>	6 months	Culture	Jun., 2018	0/1	2/7
<i>Streptococcus pneumoniae</i>	6 months	Culture	Jun., 2018	0/1	0/7
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/2	0/5
<b>III \ Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Jun., 2018	0/2	0/15
<i>Entamoeba</i> spp.	3 months	Visual	Jun., 2018	0/2	4/15
<i>Giardia</i> spp.	3 months	Visual	Jun., 2018	0/2	0/15
<i>Hexamastix</i> spp.	3 months	Visual	Jun., 2018	0/2	0/15
<i>Spiroucleus</i> spp.	3 months	Visual	Jun., 2018	0/2	0/15
Trichomonads	3 months	Visual	Jun., 2018	0/2	0/15
<i>Aspicularis tetraptera</i>	3 months	Visual	Jun., 2018	0/2	0/15
<i>Hymenolepis diminuta</i>	3 months	Visual	Jun., 2018	0/2	0/15
<i>Syphacia</i> spp.	3 months	Visual	Jun., 2018	0/2	0/15
<i>Rodentolepis nana</i>	3 months	Visual	Jun., 2018	0/2	0/15
Ectoparasites	3 months	Visual	Jun., 2018	0/2	0/15

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2018**

Location(Room#): **Rodent area(R2-B1125, R2-B1141)** Date of Issue: **Jun. 29, 2018**

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	Jun., 2018	0/7	0/37
<i>Citrobacter rodentium</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Clostridium piliforme</i>	6 months	PCR	Jun., 2018	0/7	0/37
<i>Corynebacterium kutscheri</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Klebsiella pneumoniae</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Mycoplasma</i> spp.	6 months	PCR	Jun., 2018	0/7	0/37
<i>Pasteurella pneumotropica</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Pneumocystis murina</i>	6 months	PCR	Jun., 2018	0/7	0/37
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Salmonella</i> spp.	6 months	Culture	Jun., 2018	0/7	0/37
<i>Staphylococcus aureus</i>	6 months	Culture	Jun., 2018	0/7	1/40
<i>Streptococcus pneumoniae</i>	6 months	Culture	Jun., 2018	0/7	0/37
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/7	0/22
Mouse Norovirus	Annually	RT-PCR	Jun., 2018	0/7	0/15
<b>II - Parasites:</b>					
<i>Chilomastix</i> spp.	6 months	Visual	Jun., 2018	0/7	0/37
<i>Entamoeba</i> spp.	6 months	Visual	Jun., 2018	1/7	3/37
<i>Giardia</i> spp.	6 months	Visual	Jun., 2018	0/7	0/37
<i>Hexamastix</i> spp.	6 months	Visual	Jun., 2018	0/7	0/37
<i>Spiroucleus</i> spp.	6 months	Visual	Jun., 2018	0/7	0/37
Trichomonads	6 months	Visual	Jun., 2018	0/7	0/37
<i>Aspicularis tetraptera</i>	6 months	Visual	Jun., 2018	0/7	0/37
<i>Hymenolepis diminuta</i>	6 months	Visual	Jun., 2018	0/7	0/37
<i>Syphacia</i> spp.	6 months	Visual	Jun., 2018	0/7	0/37
<i>Rodentolepis nana</i>	6 months	Visual	Jun., 2018	0/7	0/37
Ectoparasites	6 months	Visual	Jun., 2018	0/7	0/37

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2018**

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

Date of Issue: **Jun. 29, 2018**

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	Jun., 2018	0/8	0/61
Mouse Norovirus (MNV)	3 months	ELISA	Jun., 2018	4/8	25/44
Mouse Parvovirus (MPV)	3 months	ELISA	Jun., 2018	0/8	0/61
Minute virus of mice (MVM)	3 months	ELISA	Jun., 2018	0/8	0/44
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	Jun., 2018	0/8	0/61
Theiler's murine encephalomyelitis virus(TMEV)	3 months	ELISA	Jun., 2018	0/8	0/61
Mouse rotavirus (Epizootic diarrhea of infant mice) (EDIM)	3 months	ELISA	Jun., 2018	0/8	0/26
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Jun., 2018	0/8	0/44
Mouse adenovirus (Mad)	6 months	ELISA	Jun., 2018	0/8	0/44
Mouse Polyomavirus	6 months	ELISA	Jun., 2018	0/8	0/8
Hantavirus	Annually	ELISA	Jun., 2018	0/8	0/17
Ectromelia virus (Pox virus)	Annually	ELISA	Jun., 2018	0/8	0/17
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/8	0/17
Reovirus Type 3 (Reo-3)	Annually	ELISA	Jun., 2018	0/8	0/17
Sendai virus	Annually	ELISA	Jun., 2018	0/8	0/17
<b>II - Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Jun., 2018	0/2	0/6
<i>Pasteurella pneumotropica</i>	6 months	Culture	Jun., 2018	0/2	0/6
<i>Salmonella</i> spp.	6 months	Culture	Jun., 2018	0/2	0/6
<i>Staphylococcus aureus</i>	6 months	Culture	Jun., 2018	0/2	0/6
<i>Streptococcus pneumoniae</i>	6 months	Culture	Jun., 2018	0/2	0/6
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	1/8	2/17
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Jun., 2018	1/8	15/63
<i>Entamoeba</i> spp.	3 months	Visual	Jun., 2018	2/8	21/63
<i>Giardia</i> spp.	3 months	Visual	Jun., 2018	0/8	0/63
<i>Hexamastix</i> spp.	3 months	Visual	Jun., 2018	1/8	1/63
<i>Spironucleus</i> spp.	3 months	Visual	Jun., 2018	0/8	0/63
Trichomonads	3 months	Visual	Jun., 2018	1/8	6/63
<i>Aspiculuris tetraptera</i>	3 months	Visual	Jun., 2018	0/8	0/63
<i>Hymenolepis diminuta</i>	3 months	Visual	Jun., 2018	0/8	0/63
<i>Syphacia</i> spp.	3 months	Visual	Jun., 2018	0/8	0/63
<i>Rodentolepis nana</i>	3 months	Visual	Jun., 2018	0/8	0/63
Ectoparasites	3 months	Visual	Jun., 2018	0/8	0/63

Data are expressed as number positive/number tested.

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

**National Health Research Institutes  
Laboratory Animal Center  
Health Monitoring Report in 2018**

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

Date of Issue:**Jun. 29, 2018**

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	Jun., 2018	0/1	0/7
Rat parvovirus	3 months	ELISA	Jun., 2018	0/1	0/7
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Jun., 2018	0/1	0/7
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Jun., 2018	0/1	0/7
Kilham's rat virus (KRV)	6 months	ELISA	Jun., 2018	0/1	0/5
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Jun., 2018	0/1	0/5
Hantavirus	Annually	ELISA	Jun., 2018	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	Jun., 2018	0/1	0/2
Sendai virus	Annually	ELISA	Jun., 2018	0/1	0/2
<b>II - Microbiology:</b>					
<i>Klebsiella pneumoniae</i>	6 months	Culture	Jun., 2018	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	Jun., 2018	0/1	0/4
<i>Salmonella</i> spp.	6 months	Culture	Jun., 2018	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Jun., 2018	0/1	2/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	Jun., 2018	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	Jun., 2018	0/1	0/3
<b>III - Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	Jun., 2018	1/1	6/7
<i>Entamoeba</i> spp.	3 months	Visual	Jun., 2018	1/1	7/7
<i>Giardia</i> spp.	3 months	Visual	Jun., 2018	0/1	0/7
<i>Hexamastix</i> spp.	3 months	Visual	Jun., 2018	1/1	4/7
<i>Spiroplasma</i> spp.	3 months	Visual	Jun., 2018	0/1	0/7
Trichomonads	3 months	Visual	Jun., 2018	0/1	4/7
<i>Aspiculuris tetraptera</i>	3 months	Visual	Jun., 2018	0/1	0/7
<i>Hymenolepis diminuta</i>	3 months	Visual	Jun., 2018	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	Jun., 2018	0/1	0/7
<i>Rodentolepis nana</i>	3 months	Visual	Jun., 2018	0/1	0/7
Ectoparasites	3 months	Visual	Jun., 2018	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 2018**

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

Date of Issue: **Jul. 10, 2018**

Species: **Mouse**

Housing: **IVC 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	May 2018	0/5	0/41
Mouse parvovirus (MPV)	3 months	ELISA	May 2018	0/5	0/41
<i>Mycoplasma pulmonis</i> ( <i>M. pul</i> )	3 months	ELISA	May 2018	0/5	0/41
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	May 2018	0/5	0/41
Minute virus of mice (MVM)	3 months	ELISA	May 2018	0/5	0/25
Mouse norovirus (MNV)	3 months	ELISA	May 2018	1/5	1/25
Epizootic-diarrhea of infant-mouse (EDIM)	3 months	ELISA	May 2018	0/5	0/15
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	May 2018	0/5	0/19
Mouse adenovirus (MAV)	6 months	ELISA	May 2018	0/5	0/19
Mouse polyomavirus (MuPyV)	6 months	ELISA	May 2018	0/5	0/5
Pneumonia virus of mice (PVM)	Annually	ELISA	May 2018	0/5	0/9
Ectromelia virus (Pox virus)	Annually	ELISA	May 2018	0/5	0/9
Hantavirus	Annually	ELISA	May 2018	0/5	0/9
Reovirus Type 3 (Reo-3)	Annually	ELISA	May 2018	0/5	0/9
Sendai virus	Annually	ELISA	May 2018	0/5	0/9
<b>II、Microbiology:</b>					
<i>Bordetella bronchiseptica</i>	6 months	Culture	May 2018	0/1	0/4
<i>Corynebacterium kutscheri</i>	6 months	Culture	May 2018	0/1	0/4
<i>Pseudomonas aeruginosa</i>	6 months	Culture	May 2018	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	May 2018	0/5	0/20
<i>Pasteurella pneumotropica</i>	6 months	Culture	May 2018	0/5	0/20
<i>Staphylococcus aureus</i>	6 months	Culture	May 2018	0/5	0/20
<i>Streptococcus pneumoniae</i>	6 months	Culture	May 2018	0/5	0/20
<i>Salmonella</i> spp.	6 months	Culture	May 2018	0/5	0/20
<i>Clostridium piliforme</i> ★	6 months	PCR	May 2018	0/1	0/4
<i>Mycoplasma</i> spp. ★	6 months	PCR	May 2018	0/1	0/4
<i>Pneumocystis murina</i> ★	6 months	PCR	May 2018	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	May 2018	1/5	1/6
<b>III、Parasites:</b>					
<i>Chilomastix</i> spp.	3 months	Visual	May 2018	0/5	0/43
<i>Entamoeba</i> spp.	3 months	Visual	May 2018	0/5	0/43
Flagellates	3 months	Visual	May 2018	0/5	0/43
<i>Giardia</i> spp.	3 months	Visual	May 2018	0/5	0/43
<i>Hexamastix</i> spp.	3 months	Visual	May 2018	0/5	0/43
<i>Spironucleus</i> spp.	3 months	Visual	May 2018	0/5	0/43
Trichomonads	3 months	Visual	May 2018	0/5	0/43
<i>Aspicularis tetraptera</i>	3 months	Visual	May 2018	0/5	0/43
<i>Hymenolepis diminuta</i>	3 months	Visual	May 2018	0/5	0/43
<i>Rodentolepis nana</i>	3 months	Visual	May 2018	0/5	0/43
<i>Syphacia</i> spp.	3 months	Visual	May 2018	0/5	2/43
Ectoparasites	3 months	Visual	May 2018	0/5	0/43

Data are expressed as number positive/number tested.

★ Immunocompromised mice only

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

\*此次健康監測2B035飼養房檢驗出Murine Norovirus與Helicobacter spp.，目前初步檢驗出之陽性動物已淘汰，後續會持續追蹤觀察。