

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2016**

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

Date of Issue: **Dec. 15, 2016**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I - Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Oct., 2016	0/53	0/345
Mouse Parvovirus (MPV)	3 months	ELISA	Oct., 2016	0/53	0/345
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Oct., 2016	0/53	0/345
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Oct., 2016	0/53	0/345
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Oct., 2016	0/53	0/199
Minute virus of mice (MVM)	6 months	ELISA	Oct., 2016	0/53	0/199
Mouse adenovirus (Mad)	6 months	ELISA	Oct., 2016	0/53	0/199
Mouse Norovirus (MNV)	6 months	ELISA	Oct., 2016	12/53	46/199
Hantavirus	Annually	ELISA	Apr., 2016	0/50	0/98
Ectromelia virus (Pox virus)	Annually	ELISA	Apr., 2016	0/50	0/98
Epizootic diarrhea of infant mice (EDIM)	Annually	ELISA	Apr., 2016	0/50	0/98
Pneumonia virus of mice (PVM)	Annually	ELISA	Apr., 2016	0/50	0/98
Reovirus Type 3 (Reo-3)	Annually	ELISA	Apr., 2016	0/50	0/98
Sendai virus	Annually	ELISA	Apr., 2016	0/50	0/98
II - Microbiology:					
<i>Citrobacter rodentium</i>	6 months	Culture	Oct., 2016	0/38	0/150
<i>Klebsiella pneumoniae</i>	6 months	Culture	Oct., 2016	0/38	0/150
<i>Pasteurella pneumotropica</i>	6 months	Culture	Oct., 2016	0/38	2/150
<i>Salmonella</i> spp.	6 months	Culture	Oct., 2016	0/38	0/150
<i>Staphylococcus aureus</i>	6 months	Culture	Oct., 2016	*3/39	25/175
<i>Streptococcus pneumoniae</i>	6 months	Culture	Oct., 2016	0/38	0/150
<i>Helicobacter</i> spp.	Annually	PCR	Apr., 2016	15/50	39/98
III - Parasites:					
<i>Aspicularis</i> spp.	3 months	Visual	Oct., 2016	0/53	0/345
<i>Chilomastix</i> spp.	3 months	Visual	Oct., 2016	0/53	1/345
<i>Entamoeba</i> spp.	3 months	Visual	Oct., 2016	17/53	129/345
<i>Giardia</i> spp.	3 months	Visual	Oct., 2016	0/53	0/345
<i>Spironucleus</i> spp.	3 months	Visual	Oct., 2016	0/53	0/345
<i>Syphacia</i> spp.	3 months	Visual	Oct., 2016	0/53	0/345
Trichomonads	3 months	Visual	Oct., 2016	0/53	3/345
Ectoparasites	3 months	Visual	Oct., 2016	0/53	0/345

Data are expressed as number positive/number tested.

*該小鼠族群未隔離但持續追蹤中。

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2016**

Location(Room#): **Rodent area(R2-B1125, R2-B1141)** Date of Issue: **Dec. 15, 2016**

Species: **Immunodeficient Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I - Microbiology:					
<i>Bordetella bronchiseptica</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Citrobacter rodentium</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Clostridium piliforme</i>	6 months	PCR	Oct., 2016	0/5	0/25
<i>Corynebacterium kutscheri</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Klebsiella pneumoniae</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Mycoplasma</i> spp.	6 months	PCR	Oct., 2016	0/5	0/25
<i>Pasteurella pneumotropica</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Pneumocystis murina</i>	6 months	PCR	Oct., 2016	0/5	0/25
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Salmonella</i> spp.	6 months	Culture	Oct., 2016	0/5	0/25
<i>Staphylococcus aureus</i>	6 months	Culture	Oct., 2016	0/5	2/25
<i>Streptococcus pneumoniae</i>	6 months	Culture	Oct., 2016	0/5	0/25
<i>Helicobacter</i> spp.	Annually	PCR	Apr., 2016	1/8	1/12
Mouse Norovirus	Annually	RT-PCR	Apr., 2016	0/8	0/12
II - Parasites:					
<i>Aspicularis</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
<i>Chilomastix</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
<i>Entamoeba</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
<i>Giardia</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
<i>Spironucleus</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
<i>Syphacia</i> spp.	6 months	Visual	Oct., 2016	0/5	0/25
Trichomonads	6 months	Visual	Oct., 2016	0/5	0/25
Ectoparasites	6 months	Visual	Oct., 2016	0/5	0/25

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2016**

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

Date of Issue: **Dec. 15, 2016**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I · Serology:					
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Oct., 2016	0/1	0/12
Rat parvovirus	3 months	ELISA	Oct., 2016	0/1	0/12
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Oct., 2016	0/1	0/12
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Oct., 2016	0/1	0/12
Kilham's rat virus (KRV)	6 months	ELISA	Oct., 2016	0/1	0/6
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Oct., 2016	0/1	0/6
Hantavirus	Annually	ELISA	Apr., 2016	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	Apr., 2016	0/1	0/2
Sendai virus	Annually	ELISA	Apr., 2016	0/1	0/2
II · Microbiology:					
<i>Corynebacterium kutscheri</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Salmonella</i> spp.	6 months	Culture	Oct., 2016	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Oct., 2016	0/1	2/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	Apr., 2016	0/1	0/2
III · Parasites:					
<i>Aspicularis</i> spp.	3 months	Visual	Oct., 2016	0/1	0/8
<i>Chilomastix</i> spp.	3 months	Visual	Oct., 2016	0/1	0/8
<i>Entamoeba</i> spp.	3 months	Visual	Oct., 2016	0/1	1/8
<i>Giardia</i> spp.	3 months	Visual	Oct., 2016	0/1	0/8
<i>Spiroucleus</i> spp.	3 months	Visual	Oct., 2016	0/1	0/8
<i>Syphacia</i> spp.	3 months	Visual	Oct., 2016	0/1	0/8
Trichomonads	3 months	Visual	Oct., 2016	0/1	0/8
Ectoparasites	3 months	Visual	Oct., 2016	0/1	0/8

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2016**

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

Date of Issue: **Dec. 15, 2016**

Species: **Mouse**

Housing: **IVC/ Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I - Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Oct., 2016	0/9	0/60
Mouse Parvovirus (MPV)	3 months	ELISA	Oct., 2016	0/9	0/60
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Oct., 2016	0/9	0/60
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Oct., 2016	0/9	0/60
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Oct., 2016	0/9	0/34
Minute virus of mice (MVM)	6 months	ELISA	Oct., 2016	0/9	0/34
Mouse adenovirus (Mad)	6 months	ELISA	Oct., 2016	0/9	2/35
Mouse Norovirus (MNV)	6 months	ELISA	Oct., 2016	7/9	22/34
Hantavirus	Annually	ELISA	Apr., 2016	0/9	0/17
Ectromelia virus (Pox virus)	Annually	ELISA	Apr., 2016	0/9	0/17
Epizootic diarrhea of infant mice (EDIM)	Annually	ELISA	Apr., 2016	0/9	0/17
Pneumonia virus of mice (PVM)	Annually	ELISA	Apr., 2016	0/9	0/17
Reovirus Type 3 (Reo-3)	Annually	ELISA	Apr., 2016	0/9	0/17
Sendai virus	Annually	ELISA	Apr., 2016	0/9	0/17
II - Microbiology:					
<i>Citrobacter rodentium</i>	6 months	Culture	Oct., 2016	0/2	0/10
<i>Klebsiella pneumoniae</i>	6 months	Culture	Oct., 2016	0/2	0/10
<i>Pasteurella pneumotropica</i>	6 months	Culture	Oct., 2016	0/2	0/10
<i>Salmonella</i> spp.	6 months	Culture	Oct., 2016	0/2	0/10
<i>Staphylococcus aureus</i>	6 months	Culture	Oct., 2016	0/2	0/10
<i>Streptococcus pneumoniae</i>	6 months	Culture	Oct., 2016	0/2	0/10
<i>Helicobacter</i> spp.	Annually	PCR	Apr., 2016	2/9	7/17
III - Parasites:					
<i>Aspicularis</i> spp.	3 months	Visual	Oct., 2016	0/9	0/60
<i>Chilomastix</i> spp.	3 months	Visual	Oct., 2016	3/9	14/60
<i>Entamoeba</i> spp.	3 months	Visual	Oct., 2016	4/9	22/60
<i>Giardia</i> spp.	3 months	Visual	Oct., 2016	0/9	0/60
<i>Spironucleus</i> spp.	3 months	Visual	Oct., 2016	0/9	0/60
<i>Syphacia</i> spp.	3 months	Visual	Oct., 2016	0/9	0/60
Trichomonads	3 months	Visual	Oct., 2016	0/9	4/60
Ectoparasites	3 months	Visual	Oct., 2016	0/9	0/60

Data are expressed as number positive/number tested.

Signature of Veterinarian: _____

**National Health Research Institutes
Laboratory Animal Center
Health Monitoring Report in 2016**

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

Date of Issue: **Dec. 15, 2016**

Species: **Rat**

Housing: **Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I \ Serology:					
<i>Mycoplasma pulmonis (M. pul)</i>	3 months	ELISA	Oct., 2016	0/1	0/7
Rat parvovirus	3 months	ELISA	Oct., 2016	0/1	0/7
Sialodacryoadenitis virus (SDAV)	3 months	ELISA	Oct., 2016	0/1	0/7
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Oct., 2016	0/1	0/7
Kilham's rat virus (KRV)	6 months	ELISA	Oct., 2016	0/1	0/4
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Oct., 2016	0/1	0/4
Hantavirus	Annually	ELISA	Apr., 2016	0/1	0/2
Pneumonia virus of mice (PVM)	Annually	ELISA	Apr., 2016	0/1	0/2
Sendai virus	Annually	ELISA	Apr., 2016	0/1	0/2
II \ Microbiology:					
<i>Corynebacterium kutscheri</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Klebsiella pneumoniae</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Pasteurella pneumotropica</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Salmonella</i> spp.	6 months	Culture	Oct., 2016	0/1	0/4
<i>Staphylococcus aureus</i>	6 months	Culture	Oct., 2016	1/1	3/4
<i>Streptococcus pneumoniae</i>	6 months	Culture	Oct., 2016	0/1	0/4
<i>Helicobacter</i> spp.	Annually	PCR	Apr., 2016	0/1	1/3
III \ Parasites:					
<i>Aspicularis</i> spp.	3 months	Visual	Oct., 2016	0/1	0/7
<i>Chilomastix</i> spp.	3 months	Visual	Oct., 2016	0/1	3/7
<i>Entamoeba</i> spp.	3 months	Visual	Oct., 2016	1/1	7/7
<i>Giardia</i> spp.	3 months	Visual	Oct., 2016	0/1	0/7
<i>Spiroucleus</i> spp.	3 months	Visual	Oct., 2016	0/1	0/7
<i>Syphacia</i> spp.	3 months	Visual	Oct., 2016	0/1	0/7
Trichomonads	3 months	Visual	Oct., 2016	0/1	5/7
Ectoparasites	3 months	Visual	Oct., 2016	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 2016**

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

Date of Issue: **Dec. 13, 2016**

Species: **Mouse**

Housing: **IVC/Filter top cages**

Items	Test frequency	Test Method	Latest test date	Latest results	Historical results (<18 months)
I、Serology:					
Mouse hepatitis virus (MHV)	3 months	ELISA	Nov. 2016	0/4	0/33
Mouse parvovirus (MPV)	3 months	ELISA	Nov. 2016	0/4	0/33
<i>Mycoplasma pulmonis</i> (<i>M. pul</i>)	3 months	ELISA	Nov. 2016	0/4	0/33
Theiler's murine encephalomyelitis virus (GD VII)	3 months	ELISA	Nov. 2016	0/4	0/33
Hantavirus	6 months	ELISA	Apr. 2016	0/4	0/8
Lymphocytic choriomeningitis virus (LCMV)	6 months	ELISA	Nov. 2016	0/4	0/16
Minute virus of mice (MVM)	6 months	ELISA	Nov. 2016	0/4	0/16
Mouse adenovirus (Mad)	6 months	ELISA	Nov. 2016	0/4	0/16
Pneumonia virus of mice (PVM)	6 months	ELISA	Apr. 2016	0/4	0/8
Mouse norovirus (MNV)	6 months	ELISA	Nov. 2016	0/4	0/16
Mouse norovirus (MNV) [★]	Annually	RT-PCR	Apr. 2016	0/1	0/2
Sendai virus	Annually	ELISA	Apr. 2016	0/4	0/8
Ectromelia virus (Pox virus)	Annually	ELISA	Apr. 2016	0/4	0/8
Epizootic-diarrhea of infant-mouse (EDIM)	Annually	ELISA	Apr. 2016	0/4	0/8
Reovirus Type 3 (Reo-3)	Annually	ELISA	Apr. 2016	0/4	0/8
II、Microbiology:					
<i>Pasteurella pneumotropica</i>	6 months	Culture	Nov. 2016	0/5	0/25
<i>Staphylococcus aureus</i>	6 months	Culture	Nov. 2016	0/5	3/27
<i>Klebsiella pneumoniae</i>	6 months	Culture	Nov. 2016	0/5	0/25
<i>Salmonella</i> spp.	6 months	Culture	Nov. 2016	0/5	0/25
<i>Streptococcus pneumoniae</i>	6 months	Culture	Nov. 2016	0/5	0/25
<i>Bordetella bronchiseptica</i>	6 months	Culture	Nov. 2016	0/1	0/5
<i>Corynebacterium kutscheri</i>	6 months	Culture	Nov. 2016	0/1	0/5
<i>Pseudomonas aeruginosa</i>	6 months	Culture	Nov. 2016	0/1	0/5
<i>Clostridium piliforme</i> [★]	6 months	PCR	Nov. 2016	0/1	0/5
<i>Mycoplasma</i> spp. [★]	6 months	PCR	Nov. 2016	0/1	0/5
<i>Pneumocystis murina</i> [★]	6 months	PCR	Nov. 2016	0/1	0/5
<i>Helicobacter</i> spp.	Annually	PCR	Apr. 2016	0/1	0/3
III、Parasites:					
<i>Aspicularis</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
<i>Chilomastix</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
<i>Entamoeba</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
<i>Giardia</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
<i>Spironucleus</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
<i>Syphacia</i> spp.	3 months	Visual	Nov. 2016	0/5	0/38
Trichomonads	3 months	Visual	Nov. 2016	0/5	0/38
Ectoparasites	3 months	Visual	Nov. 2016	0/5	0/38

Data are expressed as number positive/number tested.

★ Immunocompromised mice only

Signature of Veterinarian: _____