

National Yang-Ming University Laboratory Animal Center

Animal Healthy Report (1st quarter 2016)

Animal Area: Barrier system area B1, B2, B3, B4, B5, B6, A7,A8

Species: Mouse

Date: 2016.3.31

	Sample	Method	1st quarter 2016	4th quarter 2015	3rd quarter 2015	2nd quarter 2015
VIRUS						
Sendai virus (SEND)	Serum	Serology	N/A	N/A	0/30	0/31
Mouse hepatitis virus (MHV)	Serum	Serology	0/32	0/32	0/30	0/31
Mouse adenovirus (MAd)	Serum	Serology	0/32	0/32	0/30	0/31
Hantann virus (HANT)	Serum	Serology	0/32	N/A	0/30	N/A
Pneumonia virus of mice (PVM)	Serum	Serology	0/32	0/32	0/30	0/31
Minute virus of mice (MVM)	Serum	Serology	0/32	0/32	0/30	0/31
Lymphocytic choriomeningitis virus (LCMV)	Serum	Serology	0/32	N/A	0/30	N/A
Ectromelia virus (Pox virus)	Serum	Serology	N/A	N/A	0/30	0/31
GD7	Serum	Serology	0/32	0/32	0/30	0/31
Reovirus Type 3 (Reo-3)	Serum	Serology	N/A	N/A	0/30	0/31
Mouse parvovirus (MPV)	Serum	Serology	0/32	0/32	0/30	0/31
Mouse norovirus (MNV)	Serum	Serology	22/32 ^a	21/32	22/30	23/31
MICROBIOLOGY						
<i>Mycoplasma pulmonis (Mpul)</i>	Serum	Serology	0/32	0/32	0/30	0/31
<i>Clostridium piliforme (CPIL)</i>	Serum	Serology	0/32	0/32	0/30	0/31
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/32	0/32	0/30	0/31
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/32	0/32	0/30	0/31
<i>Pseudomonas aeruginosa</i>	Trachea	Culture	0/32	0/32	0/30	0/31
<i>Salmonella species</i>	Intestine	Culture	0/32	0/32	0/30	0/31
<i>Citrobacter rodentium</i>	Intestine	Culture	0/32	0/32	0/30	0/31
<i>Helicobacter spp.</i>	Cecum	PCR	24/32 ^b	20/32	19/30	17/31
PARASITOLOGY						
Pineworms, e.g., <i>Syphacia species</i>	Feces	Micro	0/32	0/32	0/30	0/31
<i>Giardia spp.</i>	Duodenum	S/F	0/32	0/32	0/30	0/31
<i>Trichomonads</i>	Cecum	S/F	7/32 ^c	10/32	10/30	7/31
Entamoeba spp.	Cecum	S/F	0/32	0/32	0/30	0/31
Ectoparasites (flea, lice, mites)	Fur	visual	0/32	0/32	0/30	0/31
HISTOLOGY						
Non specific founding						

Director of Laboratory Animal Center

Chief of Veterinary Services

Veterinarian

實驗動物中心
中心主任 陳俊銘

Junming CHEN

J. S. Lee

張文綺

實驗動物中心
獸醫 張文綺
Wenchi Chang

*N/A: not available, S/F: Sedimentation/Flotation

a: B1(2/4), B2(1/4), B3(3/4), B4(3/4), B5(4/4), B6(3/4), A7(3/4), A8(3/4)

b: B1(3/4), B2(3/4), B3(3/4), B4(4/4), B5(1/4), B6(4/4), A7(3/4), A8(3/4)

c: B1(0/4), B2(0/4), B3(1/4), B4(2/4), B5(1/4), B6(3/4), A7(0/4), A8(0/4)

National Yang-Ming University Laboratory Animal Center

Animal Healthy Report (1st quarter 2016)

Animal Area: Clean room R1, R2, R3, R4,108

Species: Mouse

Date: 2016.3.31

	Sample	Method	1st quarter 2016	4th quarter 2015	3rd quarter 2015	2nd quarter 2015
VIRUS						
Sendai virus (SEND)	Serum	Serology	N/A	N/A	0/20	0/20
Mouse hepatitis virus (MHV)	Serum	Serology	0/20	0/19	0/20	0/20
Mouse adenovirus (MAd)	Serum	Serology	0/20	0/19	0/20	0/20
Hantann virus (HANT)	Serum	Serology	0/20	N/A	0/20	N/A
Pneumonia virus of mice (PVM)	Serum	Serology	0/20	0/19	0/20	0/20
Minute virus of mice (MVM)	Serum	Serology	0/20	0/19	0/20	0/20
Lymphocytic choriomeningitis virus (LCMV)	Serum	Serology	0/20	N/A	0/20	N/A
Ectromelia virus (Pox virus)	Serum	Serology	N/A	N/A	0/20	0/20
GD7	Serum	Serology	0/20	0/19	0/20	0/20
Reovirus Type 3 (Reo-3)	Serum	Serology	N/A	N/A	0/20	0/20
Mouse parvovirus (MPV)	Serum	Serology	0/20	0/19	0/20	0/20
Mouse norovirus (MNV)	Serum	Serology	13/20 ^a	12/19	15/20	14/20
MICROBIOLOGY						
<i>Mycoplasma pulmonis (Mpul)</i>	Serum	Serology	0/20	0/19	0/20	0/20
<i>Clostridium piliforme (CPIL)</i>	Serum	Serology	0/20	0/19	0/20	0/20
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/20	0/19	0/20	0/20
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/20	0/19	0/20	0/20
<i>Pseudomonas aeruginosa</i>	Trachea	Culture	0/20	0/19	0/20	0/20
<i>Salmonella species</i>	Intestine	Culture	0/20	0/19	0/20	0/20
<i>Citrobacter rodentium</i>	Intestine	Culture	0/20	0/19	0/20	0/20
<i>Helicobacter spp.</i>	Cecum	PCR	16/20 ^b	13/19	11/20	12/20
PARASITOLOGY						
Pineworms, e.g., <i>Syphacia species</i>	Feces	Micro	0/20	0/19	0/20	0/20
<i>Giardia spp.</i>	Duodenum	S/F	0/20	0/19	0/20	0/20
<i>Trichomonads</i>	Cecum	S/F	3/20 ^c	6/19	2/20	10/20
Entamoeba spp.	Cecum	S/F	0/20	0/19	0/20	0/20
Ectoparasites (flea, lice, mites)	Fur	visual	0/20	0/19	0/20	0/20
HISTOLOGY						
Non specific founding						

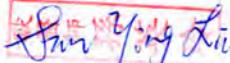
Director of Laboratory Animal Center

 陳俊銘
中心主任
Chun-Ming Chen

Chief of Veterinary Services



Veterinarian

 張文綺
張文綺
Wen-Chi Chang

*N/A: not available, S/F: Sedimentation/Flotation

a: R1(3/4), R2(2/4), R3(3/4), R4(4/4), 108(1/4)

b: R1(4/4), R2(4/4), R3(4/4), R4(2/4), 108(2/4)

c: R1(1/4), R2(0/4), R3(1/4), R4(0/4), 108(1/4)

National Yang-Ming University Laboratory Animal Center

Animal Healthy Report (1st quarter 2016)

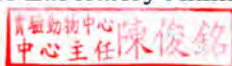
Animal Area: Conventional room ER2, 106, 107, 110, B108(Lib) and Quarantine room

Species: Mouse

Date: 2016.3.31

	Sample	Method	1st quarter 2016	4th quarter 2015	3rd quarter 2015	2nd quarter 2015
VIRUS						
Sendai virus (SEND)	Serum	Serology	N/A	N/A	0/21	N/A
Mouse hepatitis virus (MHV)	Serum	Serology	0/25	N/A	0/21	N/A
Mouse adenovirus (MAD)	Serum	Serology	0/25	N/A	0/21	N/A
Hantann virus (HANT)	Serum	Serology	0/25	N/A	0/21	N/A
Pneumonia virus of mice (PVM)	Serum	Serology	0/25	N/A	0/21	N/A
Minute virus of mice (MVM)	Serum	Serology	0/25	N/A	0/21	N/A
Lymphocytic choriomeningitis virus (LCMV)	Serum	Serology	0/25	N/A	0/21	N/A
Ectromelia virus (Pox virus)	Serum	Serology	N/A	N/A	0/21	N/A
GD7	Serum	Serology	0/25	N/A	0/21	N/A
Reovirus Type 3 (Reo-3)	Serum	Serology	N/A	N/A	0/21	N/A
Mouse parvovirus (MPV)	Serum	Serology	0/25	N/A	0/21	N/A
Mouse norovirus (MNV)	Serum	Serology	18/25 ^a	N/A	15/21	N/A
MICROBIOLOGY						
<i>Mycoplasma pulmonis (Mpul)</i>	Serum	Serology	0/25	N/A	0/21	N/A
<i>Clostridium piliforme (CPIL)</i>	Serum	Serology	0/25	N/A	0/21	N/A
<i>Bordetella bronchiseptica</i>	Trachea	Culture	0/25	N/A	0/21	N/A
<i>Corynebacterium kutscheri</i>	Trachea	Culture	0/25	N/A	0/21	N/A
<i>Pseudomonas aeruginosa</i>	Trachea	Culture	0/25	N/A	0/21	N/A
<i>Salmonella species</i>	Intestine	Culture	0/25	N/A	0/21	N/A
<i>Citrobacter rodentium</i>	Intestine	Culture	0/25	N/A	0/21	N/A
<i>Helicobacter spp.</i>	Cecum	PCR	19/25 ^b	N/A	11/21	N/A
PARASITOLOGY						
Pineworms, e.g., <i>Syphacia species</i>	Feces	Micro	0/25	N/A	0/21	N/A
<i>Giardia spp.</i>	Duodenum	S/F	0/25	N/A	0/21	N/A
<i>Trichomonads</i>	Cecum	S/F	9/25 ^c	N/A	0/21	N/A
Entamoeba spp.	Cecum	S/F	0/25	N/A	0/21	N/A
Ectoparasites (flea, lice, mites)	Fur	visual	0/25	N/A	9/21	N/A
HISTOLOGY						
Non specific founding						

Director of Laboratory Animal Center



Chen Junming (陳俊銘)

Chief of Veterinary Services

J. S. Lee

Veterinarian

Sun Yung Ling

Wenbin Chang (張文斌)

*N/A: not available, S/F: Sedimentation/Flotation

a: ER2(3/4), 106(2/2), 107(2/3), 110(5/6), B108(6/8), Q(0/2)

b: ER2(4/4), 106(2/2), 107(2/3), 110(4/6), B108(7/8), Q(0/2)

c: ER2(0/4), 106(2/2), 107(1/3), 110(4/6), B108(2/8), Q(0/2)