

HEALTH MONITORING REPORT (May 2013)

Species: MICE

Agents	Area	A11	A13	A14	A23	A24	A25
	Strains & Stocks	CAnN.Cg-Foxn1 ^{tm4} /CrJCrJ ⁴ CrJ:CD1-Foxn1 ^{tm4}	C57BL/6NCrJCrJ DBA/2NCrJCrJ JAX [®] Mice Strain CBA/J B6D2F1/CrJ ³	JAX [®] Mice Strain SJL/J CrJ:CD1(ICR) NC/NgaTndCrJ	BALB/cAnNCrJCrJ DBA/2NCrJCrJ CD2F1/CrJ ³	CAnN.Cg-Foxn1 ^{tm4} /CrJCrJ ⁴	JAX [®] Mice Strain C57BL/6J
	Test period Technique	May 7 - 18	May 7 - 18	May 7 - 18	May 8 - 18	May 7 - 18	May 7 - 18
VIRUSES							
Sendai Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Minute Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Murine Norovirus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Ectromelia Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Cytomegalovirus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Polyoma Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Thymic Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
BACTERIA							
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Staphylococcus aureus</i> ² (m)	Culture	0/12	-	-	-	0/12	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/12	0/8	0/8	0/8	0/12	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/12	0/8	0/8	0/8	0/12	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/12	0/8	0/8	0/8	0/12	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/12	0/8	0/8	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/12	0/8	0/8	0/8	0/12	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/12	0/12	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
PARASITES AND FUNGI							
Ectoparasites (m)	Direct Examination	0/12	0/8	0/8	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. ² (q)	PCR	0/4	-	-	-	0/4	-

Monitoring frequency: (m) monthly, (q) quarterly

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains


3: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on both *nu/nu* and *nu + mice*

Note: JAX[®] is a registered trademark of The Jackson Laboratory. All rights reserved.

Tested by Charles River Laboratories Japan, Inc.

日本チャールス・リバー株式会社
代表取締役社長 小林 功



HEALTH MONITORING REPORT (May 2013)

Species: RATS



Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrIcrlj	ZDF- <i>Lep^{fa}</i> /CrIcrlj CrIj:ZUC- <i>Lep^{fa}</i>	CrI:CD(SD)
	Test period Technique	May 7 - 18	May 9 - 18	May 9 - 18
VIRUSES				
Sendai Virus ¹ (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus ¹ (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus ¹ (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus ¹ (m)	MFIA	0/8	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus ¹ (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Sireptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. ^{1,3} (m)	MFIA	0/8	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

Remarks 1: Serology on immunocompetent animals from each colony
2: Not considered as specific pathogens for immunocompetent strains
3: Not included in the Specific Pathogen Free (SPF) lists

日本チャールズ・リバー株式会社
代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2013)

Species: MICE

Agents	Area	H12	H22	H23
	Strains & Stocks	Crj:CD1(ICR) C57BL/6NCrCrj C3H/HeNCrCrj B6C3F1/Crj ³	Ch:CD1(ICR) C57BL/6NCr C3H/HeNCr	BALB/cAnNCrCrj DBA/1JNCrj
	Test period Technique	May 8 - 18	May 8 - 18	May 8 - 18
VIRUSES				
Sendai Virus ¹ (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus ¹ (m)	MFIA	0/8	0/8	0/8
Minute Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹ (m)	MFIA	0/8	0/8	0/8
Murine Norovirus ¹ (m)	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹ (m)	MFIA	0/8	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹ (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (g)	MFIA	0/8	0/8	0/8
Ectromelia Virus ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹ (q)	MFIA	0/8	0/8	0/8
Polyoma Virus ¹ (q)	MFIA	0/8	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Thymic Virus ¹ (q)	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8	0/8

Monitoring frequency: (m) monthly, (q) quarterly

Tested by Charles River Laboratories Japan, Inc.

Remarks : 1. Serology on immunocompetent animals from each colony
2. Not considered as specific pathogens for immunocompetent strains
3. Not tested strains or stocks: monitoring on parents or other strains in the area



HEALTH MONITORING REPORT (May 2013)

Printed date: May 28, 2013

Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	CrI:WI(Han) SHR/NCrI CrIj WKY/NCrI CrIj CrIj:LE	LEW/CrI CrIj BN/CrI CrIj PCK/CrIj CrI-Pkhd ¹ /CrI CrIj	CrI:CD(SD)
	Test period Technique	May 8 - 18	May 8 - 18	May 8 - 18
VIRUSES				
Sendai Virus ¹ (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus ¹ (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus ¹ (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus ¹ (m)	MFIA	0/8	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus ¹ (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. ^{1,3} (m)	MFIA	0/8	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

Remarks : 1: Serology on immunocompetent animals from each colony
2: Not considered as specific pathogens for immunocompetent strains
3: Not included in the Specific Pathogen Free (SPF) lists

日本チャールズリバー株式会社
代表取締役社長 小林 功



HEALTH MONITORING REPORT (May 2013)

Species: MICE

Agents	Area	T12	T23
	Strains & Stocks	JAX [®] Mice Strain C57BL/6J JAX [®] Mice Strain B6.Cg-Lep ^{ob} /J JAX [®] Mice Strain BKS.Cg-Dock7 tm +/- Lep ^{ob} /J	CAnN.Cg-Foxn1 tm /CrCrj ³
	Test period Technique	May 9 - 18	May 9 - 18
VIRUSES			
Sendai Virus ¹ (m)	MFIA	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8
Mouse Hepatitis Virus ¹ (m)	MFIA	0/8	0/8
Minute Virus of Mice ¹ (m)	MFIA	0/8	0/8
Mouse Parvovirus (1 or 2) ¹ (m)	MFIA	0/8	0/8
Murine Norovirus ¹ (m)	MFIA	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹ (m)	MFIA	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹ (m)	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8
Ectromelia Virus ¹ (q)	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8
Mouse Cytomegalovirus ¹ (q)	MFIA	0/8	0/8
Mouse Pneumonitis Virus ¹ (q)	MFIA	0/8	0/8
Polyoma Virus ¹ (q)	MFIA	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8
Mouse Thymic Virus ¹ (q)	MFIA	0/8	0/8
BACTERIA			
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/12
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/12
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/12
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/12
<i>Salmonella</i> spp. (m)	Culture	0/8	0/12
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/12
<i>Staphylococcus aureus</i> ² (m)	Culture	-	0/12
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/12
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/12
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/12
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/12
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/8	0/12
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8
PARASITES AND FUNGI			
Ectoparasites (m)	Direct Examination	0/8	0/12
Pinworms (m)	Direct Examination	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. ² (q)	PCR	-	0/4

Tested by Charles River Laboratories Japan, Inc.

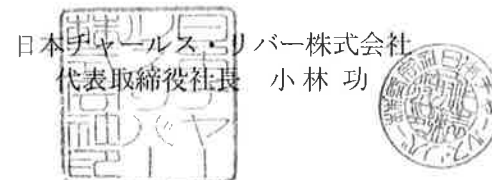
Monitoring frequency: (m) monthly, (q) quarterly

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Monitoring on both *nu/nu* and *nu+ / nu+* mice

Note: JAX[®] is a registered trademark of The Jackson Laboratory. All rights reserved.



HEALTH MONITORING REPORT (May 2013)

Species: RATS


Agents	Area	T11	T21
	Strains & Stocks	Crj:W1	Crj:CD(SD)
	Test period Technique	May 9 - 18	May 9 - 18
VIRUSES			
Sendai Virus ¹ (m)	MFIA	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8
Sialodacryoadenitis Virus ¹ (m)	MFIA	0/8	0/8
Rat Minute Virus ¹ (m)	MFIA	0/8	0/8
Rat Parvovirus ¹ (m)	MFIA	0/8	0/8
Toolan's H-1 Virus ¹ (m)	MFIA	0/8	0/8
Kilham Rat Virus ¹ (m)	MFIA	0/8	0/8
Reovirus ¹ (m)	MFIA	0/8	0/8
Rat Theilovirus ¹ (m)	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8
BACTERIA			
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8
PARASITES AND FUNGI			
Ectoparasites (m)	Direct Examination	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. ^{1,3} (m)	MFIA	0/8	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly

Remarks: 1: Serology on immunocompetent animals from each colony
 2: Not considered as specific pathogens for immunocompetent strains
 3: Not included in the Specific Pathogen Free (SPF) lists

日本チャールズ・リバー株式会社
 代表取締役社長 小林 功



HEALTH MONITORING REPORT (May 2013)

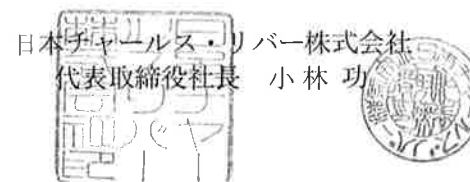
Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period	May 14 - 23
Technique		
VIRUSES		
Sendai Virus ¹ (q)	MFIA	0/14
Pneumonia Virus of Mice ¹ (q)	MFIA	0/14
Mouse Hepatitis Virus ¹ (q)	MFIA	0/14
Minute Virus of Mice ¹ (q)	MFIA	0/14
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/14
Murine Norovirus ¹ (q)	MFIA	0/14
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/14
Reovirus ¹ (q)	MFIA	0/14
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/14
Lymphocytic Choriomeningitis Virus ¹ (a)	MFIA	0/14
Ectromelia Virus ¹ (a)	MFIA	0/14
Mouse Adenovirus (1 or 2) ¹ (a)	MFIA	0/14
Mouse Cytomegalovirus ¹ (a)	MFIA	0/14
Mouse Pneumonitis Virus ¹ (a)	MFIA	0/14
Polyoma Virus ¹ (a)	MFIA	0/14
Hantaan Virus ¹ (a)	MFIA	0/14
Mouse Thymic Virus ¹ (a)	MFIA	0/14
BACTERIA		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/42
<i>Citrobacter rodentium</i> (q)	Culture	0/28
<i>Corynebacterium kutscheri</i> (q)	Culture	0/42
<i>Pasteurella pneumotropica</i> (q)	Culture	0/42
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/42
<i>Salmonella</i> spp. (q)	Culture	0/42
<i>Staphylococcus aureus</i> (q)	Culture	0/42
<i>Streptococcus pneumoniae</i> (q)	Culture	0/42
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/42
<i>Helicobacter hepaticus</i> (a)	PCR	0/42
<i>Helicobacter bilis</i> (a)	PCR	0/42
<i>Helicobacter</i> spp. (a)	PCR	0/42
<i>Streptobacillus moniliformis</i> (a)	PCR	0/42
<i>Mycoplasma pulmonis</i> ¹ (q)	PCR/MFIA	0/42
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/42
CAR bacillus ¹ (a)	MFIA	0/14
PARASITES AND FUNGI		
Ectoparasites (q)	Direct Examination	0/42
Pinworms (q)	Direct Examination	0/42
Gastrointestinal protozoa (q)	Direct Examination	0/28
<i>Encephalitozoon cuniculi</i> ¹ (a)	MFIA	0/14
<i>Pneumocystis</i> spp. (q)	PCR	0/14

Monitoring frequency of animals: (q) quarterly, (a) annually

Tested by Charles River Laboratories Japan, Inc.

Remarks : 1: Serology on immunocompetent animals from each colony



HEALTH MONITORING REPORT (May 2013)

Species: MICE

Agents	Area	Isolator	Isolator	Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrIcrlj (Sentinels)	CrIj:SHO-Prkdc ^{scid} Hr ^{hr} C3H/HeNCrIcrlj (Sentinels)	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNCrIcrlj (Sentinels)
	Test period	May 13 - 21	May 13 - 21	May 13 - 21
	Technique			
VIRUSES				
Sendai Virus ¹ (q)	MFIA	0/8	0/3	0/5
Pneumonia Virus of Mice ¹ (q)	MFIA	0/8	0/3	0/5
Mouse Hepatitis Virus ¹ (q)	MFIA	0/8	0/3	0/5
Minute Virus of Mice ¹ (q)	MFIA	0/8	0/3	0/5
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/8	0/3	0/5
Murine Norovirus ¹ (q)	MFIA	0/8	0/3	0/5
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/8	0/3	0/5
Reovirus ¹ (q)	MFIA	0/8	0/3	0/5
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/8	0/3	0/5
Lymphocytic Choriomeningitis Virus ¹ (a)	MFIA	0/8	0/3	0/5
Ectromelia Virus ¹ (a)	MFIA	0/8	0/3	0/5
Mouse Adenovirus (1 or 2) ¹ (a)	MFIA	0/8	0/3	0/5
Mouse Cytomegalovirus ¹ (a)	MFIA	0/8	0/3	0/5
Mouse Pneumonitis Virus ¹ (a)	MFIA	0/8	0/3	0/5
Polyoma Virus ¹ (a)	MFIA	0/8	0/3	0/5
Hantaan Virus ¹ (a)	MFIA	0/8	0/3	0/5
Mouse Thymic Virus ¹ (a)	MFIA	0/8	0/3	0/5
BACTERIA				
<i>Bordetella bronchiseptica</i> (q)	Culture	0/24	0/9	0/15
<i>Citrobacter rodentium</i> (q)	Culture	0/16	0/6	0/10
<i>Corynebacterium kutscheri</i> (q)	Culture	0/24	0/9	0/15
<i>Pasteurella pneumotropica</i> (q)	Culture	0/24	0/9	0/15
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/24	0/9	0/15
<i>Salmonella</i> spp. (q)	Culture	0/24	0/9	0/15
<i>Staphylococcus aureus</i> (q)	Culture	0/24	0/9	0/15
<i>Streptococcus pneumoniae</i> (q)	Culture	0/24	0/9	0/15
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/24	0/9	0/15
<i>Helicobacter hepaticus</i> (a)	PCR	0/24	0/9	0/15
<i>Helicobacter bilis</i> (a)	PCR	0/24	0/9	0/15
<i>Helicobacter</i> spp. (a)	PCR	0/24	0/9	0/15
<i>Streptobacillus moniliformis</i> (a)	PCR	0/24	0/9	0/15
<i>Mycoplasma pulmonis</i> ¹ (q)	PCR/MFIA	0/24	0/9	0/15
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/24	0/9	0/15
CAR bacillus ¹ (a)	MFIA	0/8	0/3	0/5
PARASITES AND FUNGI				
Ectoparasites (q)	Direct Examination	0/24	0/9	0/15
Pinworms (q)	Direct Examination	0/24	0/9	0/15
Gastrointestinal protozoa (q)	Direct Examination	0/16	0/6	0/10
<i>Encephalitozoon cuniculi</i> ¹ (a)	MFIA	0/8	0/3	0/5
<i>Pneumocystis</i> spp. (q)	PCR	0/8	0/3	0/5

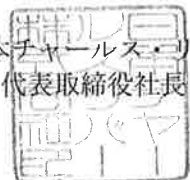

Monitoring frequency of animals: (q) quarterly, (a) annually

Tested by Charles River Laboratories Japan, Inc.

Remarks : 1: Serology on immunocompetent animals from each colony

Note : JAX[®] is a registered trademark of The Jackson Laboratory. All rights reserved.

日本チャールズ・リバー株式会社
代表取締役社長 小林 功

HEALTH MONITORING REPORT (May 2013)

Species: MICE (Fecal and Water Samples)

Agents	Area	T22 Isolator	
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNCrIcrlj (Sentinels)	
	Test period Technique	May 14 - 18	
BACTERIA			
<i>Bordetella bronchiseptica</i>	Culture		0/28
<i>Citrobacter rodentium</i>	Culture		0/28
<i>Corynebacterium kutscheri</i>	Culture		0/28
<i>Pasteurella pneumotropica</i>	Culture		0/28
<i>Pseudomonas aeruginosa</i>	Culture		0/28
<i>Salmonella</i> spp.	Culture		0/28
<i>Staphylococcus aureus</i>	Culture		0/28
<i>Streptococcus pneumoniae</i>	Culture		0/28

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.

日本チャールズ・リバー株式会社
代表取締役社長 小林 功




Species: MICE (Fecal and Water Samples)

HEALTH MONITORING REPORT (May 2013)

Agents	Area	Isolator	Isolator	Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} /F1 ^{hr} C3H/HeNCrCrIj (Sentinels)	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} /Il2rg ^{tm1Wjl} /SzJ C3H/HeNCrCrIj (Sentinels)
	Test period Technique	May 14 - 18	May 13 - 16	May 14 - 18
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/17	0/5	0/8
<i>Citrobacter rodentium</i>	Culture	0/17	0/5	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/17	0/5	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/17	0/5	0/8
<i>Pseudomonas aeruginosa</i>	Culture	0/17	0/5	0/8
<i>Salmonella</i> spp.	Culture	0/17	0/5	0/8
<i>Staphylococcus aureus</i>	Culture	0/17	0/5	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/17	0/5	0/8

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: Fecal and water samples of isolator-maintained animals are tested monthly.

Note: JAX[®] is a registered trademark of The Jackson Laboratory. All rights reserved.

日本チャールズ・リバー株式会社
代表取締役社長 小林 功

