

RADS HEALTH MONITORING REPORT (October 2013)

Species: MICE

Agents	Area	A11	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 ^{nu} /CrIcrIj ⁴ CrIj:CD1-Foxn1 ^{nu} ³	C57BL/6NCrIcrIj DBA/2NCrIcrIj ³ JAX [®] Mice Strain CBA/J ³ B6D2F1/CrIj ³	JAX [®] Mice Strain SJL/J CrIj:CD1(ICR) ³ NC/NgaTndCrIj ³
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 18
VIRUSES				
Sendai Virus ¹	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus ¹	MFIA	0/8	0/8	0/8
Minute Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Murine Norovirus ¹	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/8	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8	0/8
Ectromelia Virus ¹	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus ¹	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹	MFIA	0/8	0/8	0/8
Polyoma Virus ¹	MFIA	0/8	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8	0/8
Mouse Thymic Virus ¹	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Staphylococcus aureus</i> ²	Culture	0/8	-	-
β - Hemolytic <i>Streptococcus</i> spp. ²	Culture	0/8	-	-
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8	0/8

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

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 nu/+ mice

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日本チャールス・リバー株式会社
代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Atsugi Breeding Center

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrIcrlj DBA/2NCrIcrlj ³ CD2F1/Crlj ³	CAnN.Cg-Foxn1 ^{nu} /Crlcrlj ⁴	JAX® Mice Strain C57BL/6J JAX® Mice Strain NOD/ShiLtJ ³
	Test period Technique	October 24 - November 15	October 24 - November 14	October 24 - November 14
VIRUSES				
Sendai Virus ¹	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus ¹	MFIA	0/8	0/8	0/8
Minute Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Murine Norovirus ¹	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/8	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8	0/8
Ectromelia Virus ¹	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus ¹	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹	MFIA	0/8	0/8	0/8
Polyoma Virus ¹	MFIA	0/8	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8	0/8
Mouse Thymic Virus ¹	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Staphylococcus aureus</i> ²	Culture	-	0/8	-
β - Hemolytic <i>Streptococcus</i> spp. ²	Culture	-	0/8	-
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8	0/8

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Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony

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日本チャールス・リバー株式会社
代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Atsugi Breeding Center

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrI:CrIj	ZDF- <i>Lepr^{fa}</i> /CrI:CrIj ⁴ CrIj:ZUC- <i>Lepr^{fa}</i>	CrI:CD(SD)
	Test period Technique	October 24 - November 14	October 24 - November 15	October 24 - November 14
VIRUSES				
Sendai Virus ¹	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus ¹	MFIA	0/8	0/8	0/8
Rat Minute Virus ¹	MFIA	0/8	0/8	0/8
Rat Parvovirus ¹	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus ¹	MFIA	0/8	0/8	0/8
Kilham Rat Virus ¹	MFIA	0/8	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8	0/8
Rat Theilovirus ¹	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. ³	PCR/MFIA	0/8	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

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

日本チャールス・リバー株式会社
 代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Hino Breeding Center

Species: MICE

Agents	Area	H12	H22	H23
	Strains & Stocks	Crj:CD1(ICR) C57BL/6NCrjCrj ³ C3H/HeNCrjCrj ³ B6C3F1/Crj ³	Crj:CD1(ICR) ³ C57BL/6NCrj C3H/HeNCrj ³ DBA/2NCrj ³ B6C3F1/Crj ³	BALB/cAnNCrjCrj DBA/1JNCrj ³
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 14
VIRUSES				
Sendai Virus ¹	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus ¹	MFIA	0/8	0/8	0/8
Minute Virus of Mice ¹	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Murine Norovirus ¹	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/8	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8	0/8
Ectromelia Virus ¹	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus ¹	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹	MFIA	0/8	0/8	0/8
Polyoma Virus ¹	MFIA	0/8	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8	0/8
Mouse Thymic Virus ¹	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8	0/8

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日本チャールス・リバー株式会社

代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	CrI:WI(Han) ⁴ SHR/NCrI CrIj ⁴ WKY/NCrI CrIj CrIj:LE ⁴	LEW/CrI CrIj BN/CrI CrIj ⁴ PCK/CrIj CrI- <i>Pkhd1</i> ^{Prck} /CrI CrIj ⁴	CrI:CD(SD)
	Test period Technique	October 24 - November 15	October 24 - November 15	October 24 - November 15
VIRUSES				
Sendai Virus ¹	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus ¹	MFIA	0/8	0/8	0/8
Rat Minute Virus ¹	MFIA	0/8	0/8	0/8
Rat Parvovirus ¹	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus ¹	MFIA	0/8	0/8	0/8
Kilham Rat Virus ¹	MFIA	0/8	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8	0/8
Rat Theilovirus ¹	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8	0/8
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites	Direct Examination	0/8	0/8	0/8
Pinworms	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. ³	PCR/MFIA	0/8	0/8	0/8

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日本チャールス・リバー株式会社
 代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014
Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T12	T23
	Strains & Stocks	JAX [®] Mice Strain C57BL/6J JAX [®] Mice Strain B6. Cg-Lep ^{ob} /J ³ JAX [®] Mice Strain BKS.Cg-Dock7 ^m +/+ Lep ^{ob} /J ³	CAnN.Cg-Foxn1 tm /CrIcrIj ⁴
	Test period Technique	October 24 - November 14	October 24 - December 5
VIRUSES			
Sendai Virus ¹	MFIA	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8
Mouse Hepatitis Virus ¹	MFIA	0/8	0/8
Minute Virus of Mice ¹	MFIA	0/8	0/8
Mouse Parvovirus (1 or 2) ¹	MFIA	0/8	0/8
Murine Norovirus ¹	MFIA	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8
Ectromelia Virus ¹	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8
Mouse Cytomegalovirus ¹	MFIA	0/8	0/8
Mouse Pneumonitis Virus ¹	MFIA	0/8	0/8
Polyoma Virus ¹	MFIA	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8
Mouse Thymic Virus ¹	MFIA	0/8	0/8
BACTERIA			
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8
<i>Citrobacter rodentium</i>	PCR	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8
<i>Staphylococcus aureus</i> ²	Culture	-	0/8
β - Hemolytic <i>Streptococcus</i> spp. ²	Culture	-	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8
PARASITES AND FUNGI			
Ectoparasites	Direct Examination	0/8	0/8
Pinworms	Direct Examination	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8

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RADS HEALTH MONITORING REPORT (October 2013)

Species: RATS

Agents	Area	T11	T21
	Strains & Stocks	Crj:WI	CrI:CD(SD)
	Test period Technique	October 24 - November 15	October 24 - November 14
VIRUSES			
Sendai Virus ¹	MFIA	0/8	0/8
Pneumonia Virus of Mice ¹	MFIA	0/8	0/8
Sialodacryoadenitis Virus ¹	MFIA	0/8	0/8
Rat Minute Virus ¹	MFIA	0/8	0/8
Rat Parvovirus ¹	MFIA	0/8	0/8
Toolan's H-1 Virus ¹	MFIA	0/8	0/8
Kilham Rat Virus ¹	MFIA	0/8	0/8
Reovirus ¹	MFIA	0/8	0/8
Rat Theilovirus ¹	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) ¹	MFIA	0/8	0/8
Hantaan Virus ¹	MFIA	0/8	0/8
BACTERIA			
<i>Bordetella bronchiseptica</i>	Culture	0/8	0/8
<i>Corynebacterium kutscheri</i>	Culture	0/8	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/8	0/8
<i>Pseudomonas aeruginosa</i> ²	Culture	0/8	0/8
<i>Salmonella</i> spp.	Culture	0/8	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/8	0/8
<i>Helicobacter hepaticus</i>	PCR	0/8	0/8
<i>Helicobacter bilis</i>	PCR	0/8	0/8
<i>Helicobacter</i> spp.	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i>	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/8	0/8
CAR bacillus ¹	MFIA	0/8	0/8
PARASITES AND FUNGI			
Ectoparasites	Direct Examination	0/8	0/8
Pinworms	Direct Examination	0/8	0/8
Gastrointestinal protozoa	Direct Examination	0/4	0/4
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. ³	PCR/MFIA	0/8	0/8

Tested by Charles River Research Animal Diagnostic Services

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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

RADS HEALTH MONITORING REPORT (October 2013)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	October 24, 2013 - February 20, 2014
VIRUSES		
Sendai Virus ¹	MFIA	0/4
Pneumonia Virus of Mice ¹	MFIA	0/4
Mouse Hepatitis Virus ¹	MFIA	0/4
Minute Virus of Mice ¹	MFIA	0/4
Mouse Parvovirus (1 or 2) ¹	MFIA	0/4
Murine Norovirus ¹	MFIA	0/4
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/4
Reovirus ¹	MFIA	0/4
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/4
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/4
Ectromelia Virus ¹	MFIA	0/4
Mouse Adenovirus (1 or 2) ¹	MFIA	0/4
Mouse Cytomegalovirus ¹	MFIA	0/4
Mouse Pneumonitis Virus ¹	MFIA	0/4
Polyoma Virus ¹	MFIA	0/4
Hantaan Virus ¹	MFIA	0/4
Mouse Thymic Virus ¹	MFIA	0/4
BACTERIA		
<i>Bordetella bronchiseptica</i>	Culture	0/6
<i>Citrobacter rodentium</i>	PCR	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/6
<i>Salmonella</i> spp.	Culture	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/6
<i>Staphylococcus aureus</i>	Culture	0/6
β - Hemolytic <i>Streptococcus</i> spp.	Culture	0/6
<i>Helicobacter hepaticus</i>	PCR	0/6
<i>Helicobacter bilis</i>	PCR	0/6
<i>Helicobacter</i> spp.	PCR	0/6
<i>Streptobacillus moniliformis</i>	PCR	0/6
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/6
CAR bacillus ¹	MFIA	0/4
PARASITES AND FUNGI		
Ectoparasites	Direct Examination	0/6
Pinworms	Direct Examination	0/6
Gastrointestinal protozoa	Direct Examination	0/6
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/4
<i>Pneumocystis</i> spp.	PCR	0/2

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony

日本チャールス・リバー株式会社
代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Species: MICE

Agents	Area	Isolator	Isolator	Isolator	Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNcrCrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} Hr ^{hr} C3H/HeNcrCrIj (Sentinels)	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tmlWj} /SzJ C3H/HeNcrCrIj (Sentinels)	CB17.Cg-Prkdc ^{scid} Lysf ^{bg-J} /CrIcrIj C3H/HeNcrCrIj (Sentinels)
	Test period Technique	October 24 - November 14	October 24 - November 14	October 24 - November 14	October 24 - November 14
VIRUSES					
Sendai Virus ¹	MFIA	0/4	0/4	0/4	0/4
Pneumonia Virus of Mice ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Hepatitis Virus ¹	MFIA	0/4	0/4	0/4	0/4
Minute Virus of Mice ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Parvovirus (1 or 2) ¹	MFIA	0/4	0/4	0/4	0/4
Murine Norovirus ¹	MFIA	0/4	0/4	0/4	0/4
Theiler's Murine Encephalomyelitis Virus ¹	MFIA	0/4	0/4	0/4	0/4
Reovirus ¹	MFIA	0/4	0/4	0/4	0/4
Epizootic Diarrhea of Infant Mice Virus ¹	MFIA	0/4	0/4	0/4	0/4
Lymphocytic Choriomeningitis Virus ¹	MFIA	0/4	0/4	0/4	0/4
Ectromelia Virus ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Adenovirus (1 or 2) ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Cytomegalovirus ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Pneumonitis Virus ¹	MFIA	0/4	0/4	0/4	0/4
Polyoma Virus ¹	MFIA	0/4	0/4	0/4	0/4
Hantaan Virus ¹	MFIA	0/4	0/4	0/4	0/4
Mouse Thymic Virus ¹	MFIA	0/4	0/4	0/4	0/4
BACTERIA					
<i>Bordetella bronchiseptica</i>	Culture	0/6	0/6	0/6	0/6
<i>Citrobacter rodentium</i>	PCR	0/6	0/6	0/6	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/6	0/6	0/6	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/6	0/6	0/6	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/6	0/6	0/6	0/6
<i>Salmonella</i> spp.	Culture	0/6	0/6	0/6	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/6	0/6	0/6	0/6
<i>Staphylococcus aureus</i>	Culture	0/6	0/6	0/6	0/6
β - Hemolytic <i>Streptococcus</i> spp.	Culture	0/6	0/6	0/6	0/6
<i>Helicobacter hepaticus</i>	PCR	0/6	0/6	0/6	0/6
<i>Helicobacter bilis</i>	PCR	0/6	0/6	0/6	0/6
<i>Helicobacter</i> spp.	PCR	0/6	0/6	0/6	0/6
<i>Streptobacillus moniliformis</i>	PCR	0/6	0/6	0/6	0/6
<i>Mycoplasma pulmonis</i> ¹	PCR/MFIA	0/6	0/6	0/6	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹	Lesions/MFIA	0/6	0/6	0/6	0/6
CAR bacillus ¹	MFIA	0/4	0/4	0/4	0/4
PARASITES AND FUNGI					
Ectoparasites	Direct Examination	0/6	0/6	0/6	0/6
Pinworms	Direct Examination	0/6	0/6	0/6	0/6
Gastrointestinal protozoa	Direct Examination	0/6	0/6	0/6	0/6
<i>Encephalitozoon cuniculi</i> ¹	MFIA	0/4	0/4	0/4	0/4
<i>Pneumocystis</i> spp.	PCR	0/2	0/2	0/2	0/2

Animals were shipped to Charles River Laboratories on October 23, 2013.

Tested by Charles River Research Animal Diagnostic Services

日本チャールス・リバー株式会社
代表取締役社長 小林 功

Remarks : 1: Serology on immunocompetent animals from each colony

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RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014

Location: Atsugi Breeding Center

Species: MICE

Agents	Area	A11	A24
	Strains & Stocks	CAnN.Cg-Foxn1 ^{nu} /CrjCrj ² Crj:CD1-Foxn1 ^{nu} 1	CAnN.Cg-Foxn1 ^{nu} /CrjCrj ²
	Test period Technique	October 24 - 29	October 24 - 29
PARASITES AND FUNGI			
<i>Pneumocystis</i> spp.	PCR	0/4	0/4

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Not tested strains or stocks; monitoring on parents or other strains in the area
2: Monitoring on nu/nu mice

日本チャールス・リバー株式会社
代表取締役社長 小林 功

RADS HEALTH MONITORING REPORT (October 2013)

Printed date: February 26, 2014
Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T23
	Strains & Stocks	CAnN.Cg-Foxn1 ^{tm1} /CrjCrj ¹
	Test period	October 24 - 29
Technique		
PARASITES AND FUNGI		
<i>Pneumocystis</i> spp.	PCR	0/4

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on October 23, 2013.

Remarks : 1: Monitoring on *nu/nu* mice

日本チャールス・リバー株式会社
代表取締役社長 小林 功