

HEALTH MONITORING REPORT (May 2014)

Species: MICE

Agents	Area	A11	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>nu</sup> /CrjCrj <sup>4</sup> Crj:CD1-Foxn1 <sup>nu</sup> <sup>4</sup>	C57BL/6NCrjCrj DBA/2NCrjCrj B6D2F1/Crj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J JAX <sup>®</sup> Mice Strain CBA/J Crj:CD1(ICR) NC/NgaTndCrj
	Test period Technique	May 12 - 22	May 12 - 22	May 12 - 22
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/12	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/8	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/12	-	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/12	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/12	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/12	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/12	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/12	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/12	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> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	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

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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 2014)

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrIcrIj DBA/2NCrIcrIj CD2F1/CrIj <sup>3</sup>	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J JAX <sup>®</sup> Mice Strain NOD/ShiLtJ
	Test period Technique	May 12 - 22	May 12 - 22	May 12 - 22
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/12	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/12	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	-	0/12	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/12	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/12	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/12	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/12	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8	0/12	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> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (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: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on both nu/nu and 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

HEALTH MONITORING REPORT (May 2014)

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrIcrIj	ZDF- <i>Lepr<sup>fa</sup></i> /CrIcrIj CrIj:ZUC- <i>Lepr<sup>fa</sup></i>	CrI:CD(SD)
	Test period Technique	May 12 - 22	May 8 - 23	May 8 - 23
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<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> <sup>2</sup> (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> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
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> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (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

HEALTH MONITORING REPORT (May 2014)

Species: MICE

Agents	Area	H22	H23
	Strains & Stocks	CrI:CD1(ICR) C57BL/6NCrI C3H/HeNCrI DBA/2NCrI <sup>3</sup> B6N-Tyr <sup>c-Brd</sup> /BrdCrCrI B6C3F1/CrI <sup>3</sup>	BALB/cAnNCrICrIj DBA/1JNCrIj
	Test period Technique	May 7 - 22	May 7 - 22
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8
<i>Citrobacter rodentium</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> <sup>2</sup> (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> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
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> <sup>1</sup> (q)	MFIA	0/8	0/8

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

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HEALTH MONITORING REPORT (May 2014)

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	Crj:WI(Han) SHR/NCrjCrj WKY/NCrjCrj Crj:LE <sup>4</sup> Crj:WI	LEW/CrjCrj BN/CrjCrj PCK/CrjCrj-Crj <sup>Pck</sup> /CrjCrj	Crj:CD(SD)
	Test period Technique	May 7 - 22	May 7 - 22	May 7 - 22
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>BACTERIA</b>				
<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> <sup>2</sup> (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> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
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> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (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  
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 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

HEALTH MONITORING REPORT (May 2014)

Species: MICE

Agents	Area	T12	T23
	Strains & Stocks	JAX <sup>®</sup> Mice Strain C57BL/6J JAX <sup>®</sup> Mice Strain B6.Cg-Lep <sup>ob</sup> /J JAX <sup>®</sup> Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>ob</sup> /J	CAnN.Cg-Foxn1 <sup>tm</sup> /CrIcrlj <sup>3</sup>
	Test period Technique	May 8 - 22	May 8 - 22
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>BACTERIA</b>			
<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> <sup>2</sup> (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> <sup>2</sup> (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> <sup>1</sup> (m)	PCR/MFIA	0/8	0/12
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
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> <sup>1</sup> (q)	MFIA	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (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/+* 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

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HEALTH MONITORING REPORT (May 2014)

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator	T22 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrJ (Sentinels)	CrJ:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNCrCrJ (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lys <sup>tg-J</sup> /CrCrJ C3H/HeNCrCrJ (Sentinels)	CB17/Icr-Prkdc <sup>scid</sup> /CrCrJ C3H/HeNCrCrJ (Sentinels)
	Test period Technique	May 8 - 22	May 8 - 22	May 8 - 22	May 15 - 22
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Murine Norovirus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Reovirus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/7	0/3	0/3	0/14
Lymphocytic Choriomeningitis Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Ectromelia Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Mouse Adenovirus (1 or 2) <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Mouse Cytomegalovirus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Mouse Pneumonitis Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Polyoma Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Hantaan Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
Mouse Thymic Virus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (q)	Culture	0/21	0/9	0/9	0/42
<i>Citrobacter rodentium</i> (q)	Culture	0/14	0/6	0/6	0/28
<i>Corynebacterium kutscheri</i> (q)	Culture	0/21	0/9	0/9	0/42
<i>Pasteurella pneumotropica</i> (q)	Culture	0/21	0/9	0/9	0/42
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/21	0/9	0/9	0/42
<i>Salmonella</i> spp. (q)	Culture	0/21	0/9	0/9	0/42
<i>Staphylococcus aureus</i> (q)	Culture	0/21	0/9	0/9	0/42
<i>Streptococcus pneumoniae</i> (q)	Culture	0/21	0/9	0/9	0/42
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/21	0/9	0/9	0/42
<i>Helicobacter hepaticus</i> (a)	PCR	0/21	0/9	0/9	0/42
<i>Helicobacter bilis</i> (a)	PCR	0/21	0/9	0/9	0/42
<i>Helicobacter</i> spp. (a)	PCR	0/21	0/9	0/9	0/42
<i>Streptobacillus moniliformis</i> (a)	PCR	0/21	0/9	0/9	0/42
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFIA	0/21	0/9	0/9	0/42
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/21	0/9	0/9	0/42
CAR bacillus <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
<b>PARASITES AND FUNGI</b>					
Ectoparasites (q)	Direct Examination	0/21	0/9	0/9	0/42
Pinworms (q)	Direct Examination	0/21	0/9	0/9	0/42
Gastrointestinal protozoa (q)	Direct Examination	0/14	0/6	0/6	0/28
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (a)	MFIA	0/7	0/3	0/3	0/14
<i>Pneumocystis</i> spp. (q)	PCR	0/7	0/3	0/3	0/14

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

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

Remarks : 1: Serology on immunocompetent animals from each colony

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HEALTH MONITORING REPORT (May 2014)

Species: MICE

Agents	Area	Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNCrCrIj (Sentinels)
	Test period Technique	May 12 - 22
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup> (q)	MFIA	0/7
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/7
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/7
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/7
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/7
Murine Norovirus <sup>1</sup> (q)	MFIA	0/7
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/7
Reovirus <sup>1</sup> (q)	MFIA	0/7
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/7
Lymphocytic Choriomeningitis Virus <sup>1</sup> (a)	MFIA	0/7
Ectromelia Virus <sup>1</sup> (a)	MFIA	0/7
Mouse Adenovirus (1 or 2) <sup>1</sup> (a)	MFIA	0/7
Mouse Cytomegalovirus <sup>1</sup> (a)	MFIA	0/7
Mouse Pneumonitis Virus <sup>1</sup> (a)	MFIA	0/7
Polyoma Virus <sup>1</sup> (a)	MFIA	0/7
Hantaan Virus <sup>1</sup> (a)	MFIA	0/7
Mouse Thymic Virus <sup>1</sup> (a)	MFIA	0/7
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/21
<i>Citrobacter rodentium</i> (q)	Culture	0/14
<i>Corynebacterium kutscheri</i> (q)	Culture	0/21
<i>Pasteurella pneumotropica</i> (q)	Culture	0/21
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/21
<i>Salmonella</i> spp. (q)	Culture	0/21
<i>Staphylococcus aureus</i> (q)	Culture	0/21
<i>Streptococcus pneumoniae</i> (q)	Culture	0/21
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/21
<i>Helicobacter hepaticus</i> (a)	PCR	0/21
<i>Helicobacter bilis</i> (a)	PCR	0/21
<i>Helicobacter</i> spp. (a)	PCR	0/21
<i>Streptobacillus moniliformis</i> (a)	PCR	0/21
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFIA	0/21
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/21
CAR bacillus <sup>1</sup> (a)	MFIA	0/7
<b>PARASITES AND FUNGI</b>		
Ectoparasites (q)	Direct Examination	0/21
Pinworms (q)	Direct Examination	0/21
Gastrointestinal protozoa (q)	Direct Examination	0/14
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (a)	MFIA	0/7
<i>Pneumocystis</i> spp. (q)	PCR	0/7

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

Tested by Charles River Laboratories Japan, Inc.

Remarks : 1: Serology on immunocompetent animals from each colony

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HEALTH MONITORING REPORT (May 2014)

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

Species: MICE (Fecal and Water Samples)

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator	T22 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lyst <sup>tg-J</sup> /CrIcrIj C3H/HeNCrCrIj (Sentinels)	CB17/Icr-Prkdc <sup>scid</sup> /CrIcrIj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	May 13 - 22	May 13 - 22	May 13 - 22	May 13 - 22
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i>	Culture	0/19	0/5	0/5	0/30
<i>Citrobacter rodentium</i>	Culture	0/19	0/5	0/5	0/30
<i>Corynebacterium kutscheri</i>	Culture	0/19	0/5	0/5	0/30
<i>Pasteurella pneumotropica</i>	Culture	0/19	0/5	0/5	0/30
<i>Pseudomonas aeruginosa</i>	Culture	0/19	0/5	0/5	0/30
<i>Salmonella</i> spp.	Culture	0/19	0/5	0/5	0/30
<i>Staphylococcus aureus</i>	Culture	0/19	0/5	0/5	0/30
<i>Streptococcus pneumoniae</i>	Culture	0/19	0/5	0/5	0/30

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (May 2014)

Printed date: May 26, 2014  
Location: Yokohama Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNCrICrlj (Sentinels)
	Test period Technique	May 13 - 22
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i>	Culture	0/13
<i>Citrobacter rodentium</i>	Culture	0/13
<i>Corynebacterium kutscheri</i>	Culture	0/13
<i>Pasteurella pneumotropica</i>	Culture	0/13
<i>Pseudomonas aeruginosa</i>	Culture	0/13
<i>Salmonella</i> spp.	Culture	0/13
<i>Staphylococcus aureus</i>	Culture	0/13
<i>Streptococcus pneumoniae</i>	Culture	0/13

Tested by Charles River Laboratories Japan, Inc.

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