

HEALTH MONITORING REPORT (December 2014)

Species: MICE

Agents	Area	A11	A12	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 ^{tm4} /CrjCrj ⁴ Crj:CD1-Foxn1 ^{tm4}	CAnN.Cg-Foxn1 ^{tm4} /CrjCrj ⁴	C57BL/6NCrjCrj DBA/2NCrjCrj B6D2F1/Crj ³	JAX [®] Mice Strain SJL/J JAX [®] Mice Strain CBA/J NC/NgaTndCrj
	Test period Technique	December 1 - 17	December 1 - 17	December 3 - 17	December 1 - 17
VIRUSES					
Sendai Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Minute Virus of Mice ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Murine Norovirus ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus ¹ (m)	MFIA	0/8	0/8	0/8	0/8
Reovirus ¹ (m)	MFIA	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
BACTERIA					
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/4	0/4
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/12	0/12	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/12	0/8	0/8
<i>Staphylococcus aureus</i> ² (m)	Culture	0/12	0/12	-	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/8	0/8
PARASITES AND FUNGI					
Ectoparasites (m)	Direct Examination	0/12	0/12	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/4	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

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 (December 2014)

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrCrIj DBA/2NCrCrIj CD2F1/CrIj ³	CAnN.Cg-Foxn1 tm /CrIj ⁴	JAX [®] Mice Strain C57BL/6J JAX [®] Mice Strain NOD/ShiLtJ
	Test period Technique	December 3 - 17	December 1 - 17	December 1 - 17
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
BACTERIA				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/4	0/8	0/4
<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> ² (m)	Culture	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/12	0/8
<i>Staphylococcus aureus</i> ² (m)	Culture	-	0/12	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/8	0/12	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/8	0/12	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/8	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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代表取締役社長 小林 功

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HEALTH MONITORING REPORT (December 2014)

Printed date: December 19, 2014

Location: Atsugi Breeding Center

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrI:CrIj	ZDF- <i>Lepr^{fa}</i> /CrI:CrIj CrIj:ZUC- <i>Lepr^{fa}</i>	CrI:CD(SD)
	Test period Technique	December 1 - 17	December 3 - 17	December 3 - 17
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
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>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/4	0/4
<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

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
2: Not considered as specific pathogens for immunocompetent strains
3: Not included in the Specific Pathogen Free (SPF) lists

HEALTH MONITORING REPORT (December 2014)

Species: MICE

Agents	Area	H12	H22	H23
	Strains & Stocks	JAX [®] Mice Strain C57BL/6J JAX [®] Mice Strain B6.Cg-Lep ^{ob} /J JAX [®] Mice Strain BKS.Cg-Dock7 ^m +/+ Lep ^{ob} /J	CrI:CD1(ICR) ³ C57BL/6NCrI C3H/HeNCrI DBA/2NCrI B6N-Tyr ^{c-Brd} /BrdCrCrI B6D2F1/CrI ³ B6C3F1/CrI ³	BALB/cAnNCrICrIj DBA/1JNCrIj
	Test period Technique	December 2 - 17	December 2 - 17	December 2 - 17
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
BACTERIA				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/4	0/4	0/4
<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>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/4	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

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 (December 2014)

Printed date: December 19, 2014

Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	CrI:WI(Han) SHR/NCrI CrIj ⁴ WKY/NCrI CrIj CrIj:LE CrIj:WI	LEW/CrI CrIj BN/CrI CrIj PCK/CrIj CrI-Pkhd ^{1Pck} /CrI CrIj CrIj:LE	CrI:CD(SD)
	Test period Technique	December 2 - 17	December 2 - 17	December 2 - 17
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
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>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/8	0/8	0/8
PARASITES AND FUNGI				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/8	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/4	0/4
<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
 4: Not tested strains or stocks; monitoring on parents or other strains in the area

HEALTH MONITORING REPORT (December 2014)

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator	T22 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrIcrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} H ^{hr} C3H/HeNCrIcrIj (Sentinels)	CB17.Cg-Prkdc ^{scid} Lys ^{pg-J} /CrIcrIj C3H/HeNCrIcrIj (Sentinels)	CB17/Icr-Prkdc ^{scid} /CrIcrIj C3H/HeNCrIcrIj (Sentinels)
	Test period Technique	December 3 - 19	December 3 - 19	December 3 - 19	December 10 - 19
VIRUSES					
Sendai Virus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Pneumonia Virus of Mice ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Mouse Hepatitis Virus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Minute Virus of Mice ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Murine Norovirus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Reovirus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/10	0/4	0/2	0/14
BACTERIA					
<i>Bordetella bronchiseptica</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Citrobacter rodentium</i> (q)	Culture	0/20	0/8	0/4	0/28
<i>Corynebacterium kutscheri</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Pasteurella pneumotropica</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Salmonella</i> spp. (q)	Culture	0/30	0/12	0/6	0/42
<i>Staphylococcus aureus</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Streptococcus pneumoniae</i> (q)	Culture	0/30	0/12	0/6	0/42
<i>Mycoplasma pulmonis</i> ¹ (q)	MFIA	0/10	0/4	0/2	0/14
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/30	0/12	0/6	0/42
PARASITES AND FUNGI					
Ectoparasites (q)	Direct Examination	0/30	0/12	0/6	0/42
Pinworms (q)	Direct Examination	0/30	0/12	0/6	0/42
Gastrointestinal protozoa (q)	Direct Examination	0/20	0/8	0/4	0/28
<i>Pneumocystis</i> spp. (q)	PCR	0/10	0/4	0/2	0/14

Tested by Charles River Laboratories Japan, Inc.

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

Remarks : 1: Serology on immunocompetent animals from each colony

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代表取締役社長 小林 功

HEALTH MONITORING REPORT (December 2014)

Printed date: December 19, 2014

Location: Yokohama Breeding Center

Species: MICE

Agents	Area	Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNCrICrlj (Sentinels)
	Test period Technique	December 8 - 19
VIRUSES		
Sendai Virus ¹ (q)	MFIA	0/8
Pneumonia Virus of Mice ¹ (q)	MFIA	0/8
Mouse Hepatitis Virus ¹ (q)	MFIA	0/8
Minute Virus of Mice ¹ (q)	MFIA	0/8
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/8
Murine Norovirus ¹ (q)	MFIA	0/8
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/8
Reovirus ¹ (q)	MFIA	0/8
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/8
BACTERIA		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/24
<i>Citrobacter rodentium</i> (q)	Culture	0/16
<i>Corynebacterium kutscheri</i> (q)	Culture	0/24
<i>Pasteurella pneumotropica</i> (q)	Culture	0/24
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/24
<i>Salmonella</i> spp. (q)	Culture	0/24
<i>Staphylococcus aureus</i> (q)	Culture	0/24
<i>Streptococcus pneumoniae</i> (q)	Culture	0/24
<i>Mycoplasma pulmonis</i> ¹ (q)	MFIA	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/24
PARASITES AND FUNGI		
Ectoparasites (q)	Direct Examination	0/24
Pinworms (q)	Direct Examination	0/24
Gastrointestinal protozoa (q)	Direct Examination	0/16
<i>Pneumocystis</i> spp. (q)	PCR	0/8

Tested by Charles River Laboratories Japan, Inc.

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

Remarks : 1: Serology on immunocompetent animals from each colony

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代表取締役社長 小林 功

HEALTH MONITORING REPORT (December 2014)

Printed date: December 19, 2014
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator	T22 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} Hr ^{hr} C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc ^{scid} Lyst ^{tg-J} /CrIcrIj C3H/HeNCrCrIj (Sentinels)	CB17/Icr-Prkdc ^{scid} /CrIcrIj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	December 9 - 16	December 9 - 16	December 9 - 16	December 9 - 16
BACTERIA					
<i>Bordetella bronchiseptica</i>	Culture	0/16	0/3	0/6	0/28
<i>Citrobacter rodentium</i>	Culture	0/16	0/3	0/6	0/28
<i>Corynebacterium kutscheri</i>	Culture	0/16	0/3	0/6	0/28
<i>Pasteurella pneumotropica</i>	Culture	0/16	0/3	0/6	0/28
<i>Pseudomonas aeruginosa</i>	Culture	0/16	0/3	0/6	0/28
<i>Salmonella</i> spp.	Culture	0/16	0/3	0/6	0/28
<i>Staphylococcus aureus</i>	Culture	0/16	0/3	0/6	0/28
<i>Streptococcus pneumoniae</i>	Culture	0/16	0/3	0/6	0/28

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (December 2014)

Printed date: December 19, 2014

Location: Yokohama Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNCrICrlj (Sentinels)
	Test period Technique	December 9 - 16
BACTERIA		
<i>Bordetella bronchiseptica</i>	Culture	0/14
<i>Citrobacter rodentium</i>	Culture	0/14
<i>Corynebacterium kutscheri</i>	Culture	0/14
<i>Pasteurella pneumotropica</i>	Culture	0/14
<i>Pseudomonas aeruginosa</i>	Culture	0/14
<i>Salmonella</i> spp.	Culture	0/14
<i>Staphylococcus aureus</i>	Culture	0/14
<i>Streptococcus pneumoniae</i>	Culture	0/14

Tested by Charles River Laboratories Japan, Inc.

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