

HEALTH MONITORING REPORT (November 2016)

Species: MICE

Agents	Area	A11	A12	A14	A15
	Strains & Stocks	CAnN.Cg-Foxn1 ^{nu} /CrjCrj ⁴ Crj:CD1-Foxn1 ^{nu} ⁴	CAnN.Cg-Foxn1 ^{nu} /CrjCrj ⁴	JAX [®] Mice Strain SJL/J JAX [®] Mice Strain CBA/J NC/NgaTndCrj, Crj:CD1(ICR) ³ B6N-Tyr ^{c-Brd} /BrdCrCrj	JAX [®] Mice Strain C57BL/6J C57BL/6NCrj
	Test period Technique	November 7 - 25	November 7 - 25	November 7 - 25	November 7 - 25
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
Lymphocytic Choriomeningitis Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Ectromelia Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Cytomegalovirus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Pneumonitis Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Polyoma Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Hantaan Virus ¹ (q)	MFIA	0/8	0/8	0/8	0/8
Mouse Thymic Virus ¹ (q)	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	0/8	0/8
<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>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Staphylococcus aureus</i> ² (m)	Culture	0/12	0/12	-	-
<i>Helicobacter hepaticus</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/12	0/12	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/12	0/12	0/8	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	PCR/MFIA	0/12	0/12	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/12	0/12	0/12	0/12
CAR bacillus ¹ (q)	MFIA	0/8	0/8	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	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> ¹ (q)	MFIA	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

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

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 (November 2016)

Species: MICE

Agents	Area	A23	A24	A25
	Strains & Stocks	BALB/cAnNCrIrlj DBA/2NCrIrlj CD2F1/CrIrlj ³	CAnN.Cg-Foxn1 ^{nu} /CrIrlj ⁴	JAX® Mice Strain C57BL/6J
	Test period Technique	November 2 - 25	November 7 - 25	November 7 - 25
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 (q)	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	0/12	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> ² (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> ² (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> ¹ (m)	PCR/MFIA	0/8	0/12	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	0/12	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> ¹ (q)	MFIA	0/8	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: 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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HEALTH MONITORING REPORT (November 2016)

Species: RATS

Agents	Area	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	November 2 - 25	November 2 - 25
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

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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

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 ^{db} /J	CrI:CD1(ICR) C57BL/6NCrI C3H/HeNCrI DBA/2NCrI B6D2F1/CrI ³ B6C3F1/CrI ³	BALB/cAnNCrICrIj DBA/1JNCrIj
	Test period Technique	November 9 - 25	November 9 - 25	November 9 - 25
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 (q)	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

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

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代表取締役社長 小林 功

HEALTH MONITORING REPORT (November 2016)

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	SHR/NCrIcrlj WKY/NCrIcrlj CrIj:WI	LEW/CrIcrlj BN/CrIcrlj PCK/CrIjCrI-PkhdI ^{Pck} /CrIcrlj CrIj:LE	CrI:CD(SD)
	Test period Technique	November 9 - 25	November 9 - 25	November 9 - 25
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

日本チャールス・リバー株式会社
代表取締役社長 小林 功

HEALTH MONITORING REPORT (November 2016)

Printed date: November 29, 2016
Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNcrIcrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} H ^{hr} C3H/HeNcrIcrIj (Sentinels)	JAX [®] Mice Strain B6.129P2-Apoe ^{tm1Unc} /J
	Test period Technique	November 1 - 25	November 1 - 25	November 1 - 25
VIRUSES				
Sendai Virus ¹ (q)	MFIA	0/9	0/2	0/18
Pneumonia Virus of Mice ¹ (q)	MFIA	0/9	0/2	0/18
Mouse Hepatitis Virus ¹ (q)	MFIA	0/9	0/2	0/18
Minute Virus of Mice ¹ (q)	MFIA	0/9	0/2	0/18
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/9	0/2	0/18
Murine Norovirus ¹ (q)	MFIA	0/9	0/2	0/18
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/9	0/2	0/18
Reovirus ¹ (q)	MFIA	0/9	0/2	0/18
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/9	0/2	0/18
BACTERIA				
<i>Bordetella bronchiseptica</i> (q)	Culture	0/27	0/6	0/18
<i>Citrobacter rodentium</i> (q)	Culture	0/18	0/4	0/18
<i>Corynebacterium kutscheri</i> (q)	Culture	0/27	0/6	0/18
<i>Pasteurella pneumotropica</i> (q)	Culture	0/27	0/6	0/18
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/27	0/6	0/18
<i>Salmonella</i> spp. (q)	Culture	0/27	0/6	0/18
<i>Staphylococcus aureus</i> (q)	Culture	0/27	0/6	0/18
<i>Streptococcus pneumoniae</i> (q)	Culture	0/27	0/6	0/18
<i>Mycoplasma pulmonis</i> ¹ (q)	MFIA	0/9	0/2	0/18
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/27	0/6	0/18
PARASITES AND FUNGI				
Ectoparasites (q)	Direct Examination	0/27	0/6	0/18
Pinworms (q)	Direct Examination	0/27	0/6	0/18
Gastrointestinal protozoa (q)	Direct Examination	0/18	0/4	0/18
<i>Pneumocystis</i> spp. (q)	PCR	0/9	0/2	0/6

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 (November 2016)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	November 2 - 25
VIRUSES		
Sendai Virus ¹ (q)	MFIA	0/13
Pneumonia Virus of Mice ¹ (q)	MFIA	0/13
Mouse Hepatitis Virus ¹ (q)	MFIA	0/13
Minute Virus of Mice ¹ (q)	MFIA	0/13
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/13
Murine Norovirus ¹ (q)	MFIA	0/13
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/13
Reovirus ¹ (q)	MFIA	0/13
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/13
BACTERIA		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/39
<i>Citrobacter rodentium</i> (q)	Culture	0/26
<i>Corynebacterium kutscheri</i> (q)	Culture	0/39
<i>Pasteurella pneumotropica</i> (q)	Culture	0/39
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/39
<i>Salmonella</i> spp. (q)	Culture	0/39
<i>Staphylococcus aureus</i> (q)	Culture	0/39
<i>Streptococcus pneumoniae</i> (q)	Culture	0/39
<i>Mycoplasma pulmonis</i> ¹ (q)	MFIA	0/13
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/39
PARASITES AND FUNGI		
Ectoparasites (q)	Direct Examination	0/39
Pinworms (q)	Direct Examination	0/39
Gastrointestinal protozoa (q)	Direct Examination	0/26
<i>Pneumocystis</i> spp. (q)	PCR	0/13

Tested by Charles River Laboratories Japan, Inc.

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

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

HEALTH MONITORING REPORT (November 2016)

Printed date: November 29, 2016

Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T23 Isolator	T23 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc ^{scid} Lys ^{bs-J} /CrIcrlj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	November 7 - 25	November 7 - 25
VIRUSES			
Sendai Virus ¹ (q)	MFIA	0/7	0/9
Pneumonia Virus of Mice ¹ (q)	MFIA	0/7	0/9
Mouse Hepatitis Virus ¹ (q)	MFIA	0/7	0/9
Minute Virus of Mice ¹ (q)	MFIA	0/7	0/9
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/7	0/9
Murine Norovirus ¹ (q)	MFIA	0/7	0/9
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/7	0/9
Reovirus ¹ (q)	MFIA	0/7	0/9
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/7	0/9
BACTERIA			
<i>Bordetella bronchiseptica</i> (q)	Culture	0/21	0/27
<i>Citrobacter rodentium</i> (q)	Culture	0/14	0/18
<i>Corynebacterium kutscheri</i> (q)	Culture	0/21	0/27
<i>Pasteurella pneumotropica</i> (q)	Culture	0/21	0/27
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/21	0/27
<i>Salmonella</i> spp. (q)	Culture	0/21	0/27
<i>Staphylococcus aureus</i> (q)	Culture	0/21	0/27
<i>Streptococcus pneumoniae</i> (q)	Culture	0/21	0/27
<i>Mycoplasma pulmonis</i> ¹ (q)	MFIA	0/7	0/9
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/21	0/27
PARASITES AND FUNGI			
Ectoparasites (q)	Direct Examination	0/21	0/27
Pinworms (q)	Direct Examination	0/21	0/27
Gastrointestinal protozoa (q)	Direct Examination	0/14	0/18
<i>Pneumocystis</i> spp. (q)	PCR	0/7	0/9

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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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 (November 2016)

Printed date: November 29, 2016
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc ^{scid} Hr ^{hr} C3H/HeNCrCrIj (Sentinels)	JAX [®] Mice Strain B6.129P2-Apoe ^{tm1Unc} /J
	Test period Technique	November 14 - 25	November 14 - 25	November 14 - 25
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/19	0/3	0/11
<i>Citrobacter rodentium</i>	Culture	0/19	0/3	0/11
<i>Corynebacterium kutscheri</i>	Culture	0/19	0/3	0/11
<i>Pasteurella pneumotropica</i>	Culture	0/19	0/3	0/11
<i>Pseudomonas aeruginosa</i>	Culture	0/19	0/3	0/11
<i>Salmonella</i> spp.	Culture	0/19	0/3	0/11
<i>Staphylococcus aureus</i>	Culture	0/19	0/3	0/11
<i>Streptococcus pneumoniae</i>	Culture	0/19	0/3	0/11

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (November 2016)

Printed date: November 29, 2016
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	November 14 - 25
BACTERIA		
<i>Bordetella bronchiseptica</i>	Culture	0/27
<i>Citrobacter rodentium</i>	Culture	0/27
<i>Corynebacterium kutscheri</i>	Culture	0/27
<i>Pasteurella pneumotropica</i>	Culture	0/27
<i>Pseudomonas aeruginosa</i>	Culture	0/27
<i>Salmonella</i> spp.	Culture	0/27
<i>Staphylococcus aureus</i>	Culture	0/27
<i>Streptococcus pneumoniae</i>	Culture	0/27

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (November 2016)

Printed date: November 29, 2016
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T23 Isolator	
	Strains & Stocks	JAX [®] Mice Strain NOD.CB17-Prkdc ^{scid} /J C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc ^{scid} Lyst ^{bg-J} /CrIcrlj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	November 14 - 25	November 14 - 25
BACTERIA			
<i>Bordetella bronchiseptica</i>	Culture	0/26	0/7
<i>Citrobacter rodentium</i>	Culture	0/26	0/7
<i>Corynebacterium kutscheri</i>	Culture	0/26	0/7
<i>Pasteurella pneumotropica</i>	Culture	0/26	0/7
<i>Pseudomonas aeruginosa</i>	Culture	0/26	0/7
<i>Salmonella</i> spp.	Culture	0/26	0/7
<i>Staphylococcus aureus</i>	Culture	0/26	0/7
<i>Streptococcus pneumoniae</i>	Culture	0/26	0/7

Tested by Charles River Laboratories Japan, Inc.

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