

HEALTH MONITORING REPORT (October 2018)

Species: MICE

Agents	Area	A11	A12	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 ^{nu} /CrCrIj ⁴ CrIj:CD1-Foxn1 ^{nu} ⁴	CAnN.Cg-Foxn1 ^{nu} /CrCrIj ⁴	JAX [®] Mice Strain C57BL/6J C57BL/6NCrI	JAX [®] Mice Strain SJL/J JAX [®] Mice Strain CBA/J ³ NC/NgaTndCrIj CrI:CD1(ICR) B6N-Tyr ^{c-Brd} /BrdCrCrI
	Test period Technique	October 1 - 26	October 1 - 26	October 1 - 26	October 1 - 26
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 pneumotopica</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

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日本チャールス・リバー株式会社
品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

Species: MICE

Agents	Area	A15	A23	A24	A25
	Strains & Stocks	JAX [®] Mice Strain C57BL/6J	BALB/cAnNCrCrIj DBA/2NCrCrIj CD2F1/CrIj ³	CAnN.Cg-Foxn1 ^{tmu} /CrCrIj ⁴	JAX [®] Mice Strain C57BL/6J
	Test period Technique	October 1 - 26	October 10 - 26	October 1 - 26	October 10 - 26
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	0/8	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/4	0/4	0/8	0/4
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/12	0/8
<i>Staphylococcus aureus</i> ² (m)	Culture	-	-	0/12	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/12	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	0/8	0/8	0/12	0/8
PARASITES AND FUNGI					
Ectoparasites (m)	Direct Examination	0/8	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/8	0/8	0/12	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	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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日本チャールス・リバー株式会社
品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

Species: RATS

Agents	Area	A22
	Strains & Stocks	CrI:CD(SD)
	Test period Technique	October 10 - 26
VIRUSES		
Sendai Virus ¹ (m)	MFIA	0/8
Pneumonia Virus of Mice ¹ (m)	MFIA	0/8
Sialodacryoadenitis Virus ¹ (m)	MFIA	0/8
Rat Minute Virus ¹ (m)	MFIA	0/8
Rat Parvovirus ¹ (m)	MFIA	0/8
Toolan's H-1 Virus ¹ (m)	MFIA	0/8
Kilham Rat Virus ¹ (m)	MFIA	0/8
Reovirus ¹ (m)	MFIA	0/8
Rat Theilovirus ¹ (m)	MFIA	0/8
BACTERIA		
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8
<i>Pseudomonas aeruginosa</i> ² (m)	Culture	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8
<i>Mycoplasma pulmonis</i> ¹ (m)	MFIA	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (m)	Lesions/MFIA	0/8
PARASITES AND FUNGI		
Ectoparasites (m)	Direct Examination	0/8
Pinworms (m)	Direct Examination	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4
<i>Pneumocystis</i> spp. ^{1,3} (m)	PCR/MFIA	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 (October 2018)

Printed date: October 26, 2018

Location: Hino Breeding Center

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	October 3 - 26	October 3 - 26	October 3 - 26
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
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HEALTH MONITORING REPORT (October 2018)

Printed date: October 26, 2018
Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	F344/DuCrjCrj SHR/NCrjCrj WKY/NCrjCrj Crj:WI	LEW/CrjCrj BN/CrjCrj ZDF- <i>Lepr^{fa}</i> /CrjCrj PCK/CrjCrj- <i>Pkhd^{1pck}</i> /CrjCrj Crj:LE ⁴ Crj:ZUC- <i>Lepr^{fa}</i> ⁴	Crj:CD(SD)
	Test period Technique	October 3 - 26	October 3 - 26	October 3 - 26
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)	PCR/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
品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX [®] Mice Strain NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ C3H/HeNcrCrlj (Sentinels)	Crlj:SHO-Prkdc ^{scid} Hr ^{hr} C3H/HeNcrCrlj (Sentinels)	JAX [®] Mice Strain B6.129P2-Apo ^{e^{tm1Unc}} /J
	Test period Technique	October 1 - 26	October 1 - 26	October 1 - 26
VIRUSES				
Sendai Virus ¹ (q)	MFIA	0/9	0/1	0/3
Pneumonia Virus of Mice ¹ (q)	MFIA	0/9	0/1	0/3
Mouse Hepatitis Virus ¹ (q)	MFIA	0/9	0/1	0/3
Minute Virus of Mice ¹ (q)	MFIA	0/9	0/1	0/3
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/9	0/1	0/3
Murine Norovirus ¹ (q)	MFIA	0/9	0/1	0/3
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/9	0/1	0/3
Reovirus ¹ (q)	MFIA	0/9	0/1	0/3
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/9	0/1	0/3
Lymphocytic Choriomeningitis Virus ¹ (a)	MFIA	0/9	0/1	0/3
Ectromelia Virus ¹ (a)	MFIA	0/9	0/1	0/3
Mouse Adenovirus (1 or 2) ¹ (a)	MFIA	0/9	0/1	0/3
Mouse Cytomegalovirus ¹ (a)	MFIA	0/9	0/1	0/3
Mouse Pneumonitis Virus ¹ (a)	MFIA	0/9	0/1	0/3
Polyoma Virus ¹ (a)	MFIA	0/9	0/1	0/3
Hantaan Virus ¹ (a)	MFIA	0/9	0/1	0/3
Mouse Thymic Virus ¹ (a)	MFIA	0/9	0/1	0/3
BACTERIA				
<i>Bordetella bronchiseptica</i> (q)	Culture	0/27	0/3	0/3
<i>Citrobacter rodentium</i> (q)	Culture	0/18	0/2	0/3
<i>Corynebacterium kutscheri</i> (q)	Culture	0/27	0/3	0/3
<i>Pasteurella pneumotropica</i> (q)	Culture	0/27	0/3	0/3
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/27	0/3	0/3
<i>Salmonella</i> spp. (q)	Culture	0/27	0/3	0/3
<i>Staphylococcus aureus</i> (q)	Culture	0/27	0/3	0/3
<i>Streptococcus pneumoniae</i> (q)	Culture	0/27	0/3	0/3
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/27	0/3	0/3
<i>Helicobacter hepaticus</i> (a)	PCR	0/27	0/3	0/3
<i>Helicobacter bilis</i> (a)	PCR	0/27	0/3	0/3
<i>Helicobacter</i> spp. (a)	PCR	0/27	0/3	0/3
<i>Streptobacillus moniliformis</i> (a)	PCR	0/27	0/3	0/3
<i>Mycoplasma pulmonis</i> ¹ (q)	PCR/MFIA	0/27	0/3	0/3
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/27	0/3	0/3
CAR bacillus ¹ (a)	MFIA	0/9	0/1	0/3
PARASITES AND FUNGI				
Ectoparasites (q)	Direct Examination	0/27	0/3	0/3
Pinworms (q)	Direct Examination	0/27	0/3	0/3
Gastrointestinal protozoa (q)	Direct Examination	0/18	0/2	0/3
<i>Encephalitozoon cuniculi</i> ¹ (a)	MFIA	0/9	0/1	0/3
<i>Pneumocystis</i> spp. (q)	PCR	0/9	0/1	0/1

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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品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc ^{scid} /CrIcrlj C3H/HeNcrIcrlj (Sentinels)
	Test period Technique	October 2 - 26
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
Lymphocytic Choriomeningitis Virus ¹ (a)	MFIA	0/13
Ectromelia Virus ¹ (a)	MFIA	0/13
Mouse Adenovirus (1 or 2) ¹ (a)	MFIA	0/13
Mouse Cytomegalovirus ¹ (a)	MFIA	0/13
Mouse Pneumonitis Virus ¹ (a)	MFIA	0/13
Polyoma Virus ¹ (a)	MFIA	0/13
Hantaan Virus ¹ (a)	MFIA	0/13
Mouse Thymic Virus ¹ (a)	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
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/39
<i>Helicobacter hepaticus</i> (a)	PCR	0/39
<i>Helicobacter bilis</i> (a)	PCR	0/39
<i>Helicobacter</i> spp. (a)	PCR	0/39
<i>Streptobacillus moniliformis</i> (a)	PCR	0/39
<i>Mycoplasma pulmonis</i> ¹ (q)	PCR/MFIA	0/39
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/39
CAR bacillus ¹ (a)	MFIA	0/13
PARASITES AND FUNGI		
Ectoparasites (q)	Direct Examination	0/39
Pinworms (q)	Direct Examination	0/39
Gastrointestinal protozoa (q)	Direct Examination	0/26
<i>Encephalitozoon cuniculi</i> ¹ (a)	MFIA	0/13
<i>Pneumocystis</i> spp. (q)	PCR	0/13

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

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1: Serology on immunocompetent animals from each colony

日本チャールス・リバー株式会社
品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

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} Lyst ^{tg8-J} /CrIcrIj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	October 9 - 26	October 9 - 26
VIRUSES			
Sendai Virus ¹ (q)	MFIA	0/14	0/2
Pneumonia Virus of Mice ¹ (q)	MFIA	0/14	0/2
Mouse Hepatitis Virus ¹ (q)	MFIA	0/14	0/2
Minute Virus of Mice ¹ (q)	MFIA	0/14	0/2
Mouse Parvovirus (1 or 2) ¹ (q)	MFIA	0/14	0/2
Murine Norovirus ¹ (q)	MFIA	0/14	0/2
Theiler's Murine Encephalomyelitis Virus ¹ (q)	MFIA	0/14	0/2
Reovirus ¹ (q)	MFIA	0/14	0/2
Epizootic Diarrhea of Infant Mice Virus ¹ (q)	MFIA	0/14	0/2
Lymphocytic Choriomeningitis Virus ¹ (a)	MFIA	0/14	0/2
Ectromelia Virus ¹ (a)	MFIA	0/14	0/2
Mouse Adenovirus (1 or 2) ¹ (a)	MFIA	0/14	0/2
Mouse Cytomegalovirus ¹ (a)	MFIA	0/14	0/2
Mouse Pneumonitis Virus ¹ (a)	MFIA	0/14	0/2
Polyoma Virus ¹ (a)	MFIA	0/14	0/2
Hantaan Virus ¹ (a)	MFIA	0/14	0/2
Mouse Thymic Virus ¹ (a)	MFIA	0/14	0/2
BACTERIA			
<i>Bordetella bronchiseptica</i> (q)	Culture	0/42	0/6
<i>Citrobacter rodentium</i> (q)	Culture	0/28	0/4
<i>Corynebacterium kutscheri</i> (q)	Culture	0/42	0/6
<i>Pasteurella pneumotropica</i> (q)	Culture	0/42	0/6
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/42	0/6
<i>Salmonella</i> spp. (q)	Culture	0/42	0/6
<i>Staphylococcus aureus</i> (q)	Culture	0/42	0/6
<i>Streptococcus pneumoniae</i> (q)	Culture	0/42	0/6
β - Hemolytic <i>Streptococcus</i> spp. (a)	Culture	0/42	0/6
<i>Helicobacter hepaticus</i> (a)	PCR	0/42	0/6
<i>Helicobacter bilis</i> (a)	PCR	0/42	0/6
<i>Helicobacter</i> spp. (a)	PCR	0/42	0/6
<i>Streptobacillus moniliformis</i> (a)	PCR	0/42	0/6
<i>Mycoplasma pulmonis</i> ¹ (q)	PCR/MFIA	0/42	0/6
<i>Clostridium piliforme</i> (Tyzzer's Disease) ¹ (q)	Lesions/MFIA	0/42	0/6
CAR bacillus ¹ (a)	MFIA	0/14	0/2
PARASITES AND FUNGI			
Ectoparasites (q)	Direct Examination	0/42	0/6
Pinworms (q)	Direct Examination	0/42	0/6
Gastrointestinal protozoa (q)	Direct Examination	0/28	0/4
<i>Encephalitozoon cuniculi</i> ¹ (a)	MFIA	0/14	0/2
<i>Pneumocystis</i> spp. (q)	PCR	0/14	0/2

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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日本チャールス・リバー株式会社
品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (October 2018)

Printed date: October 26, 2018
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	October 9 - 26	October 9 - 26	October 9 - 26
BACTERIA				
<i>Bordetella bronchiseptica</i>	Culture	0/23	0/7	0/3
<i>Citrobacter rodentium</i>	Culture	0/23	0/7	0/3
<i>Corynebacterium kutscheri</i>	Culture	0/23	0/7	0/3
<i>Pasteurella pneumotropica</i>	Culture	0/23	0/7	0/3
<i>Pseudomonas aeruginosa</i>	Culture	0/23	0/7	0/3
<i>Salmonella</i> spp.	Culture	0/23	0/7	0/3
<i>Staphylococcus aureus</i>	Culture	0/23	0/7	0/3
<i>Streptococcus pneumoniae</i>	Culture	0/23	0/7	0/3

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (October 2018)

Printed date: October 26, 2018
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	October 9 - 26
BACTERIA		
<i>Bordetella bronchiseptica</i>	Culture	0/24
<i>Citrobacter rodentium</i>	Culture	0/24
<i>Corynebacterium kutscheri</i>	Culture	0/24
<i>Pasteurella pneumotropica</i>	Culture	0/24
<i>Pseudomonas aeruginosa</i>	Culture	0/24
<i>Salmonella</i> spp.	Culture	0/24
<i>Staphylococcus aureus</i>	Culture	0/24
<i>Streptococcus pneumoniae</i>	Culture	0/24

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (October 2018)

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	October 9 - 26	October 9 - 26
BACTERIA			
<i>Bordetella bronchiseptica</i>	Culture	0/18	0/9
<i>Citrobacter rodentium</i>	Culture	0/18	0/9
<i>Corynebacterium kutscheri</i>	Culture	0/18	0/9
<i>Pasteurella pneumotropica</i>	Culture	0/18	0/9
<i>Pseudomonas aeruginosa</i>	Culture	0/18	0/9
<i>Salmonella</i> spp.	Culture	0/18	0/9
<i>Staphylococcus aureus</i>	Culture	0/18	0/9
<i>Streptococcus pneumoniae</i>	Culture	0/18	0/9

Tested by Charles River Laboratories Japan, Inc.

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