

HEALTH MONITORING REPORT (July 2018)

Species: MICE

Agents	Area	A11	A12	A13	A14
	Strains & Stocks	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup> CrIj:CD1-Foxn1 <sup>nu</sup> <sup>4</sup>	CAnN.Cg-Foxn1 <sup>nu</sup> /CrIcrIj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J C57BL/6NCrI	JAX <sup>®</sup> Mice Strain SJL/J JAX <sup>®</sup> Mice Strain CBA/J NC/NgaTndCrIj CrI:CD1(ICR) <sup>3</sup> B6N-Tyr <sup>c-Brd</sup> /BrdCrCrI
	Test period Technique	July 2 - 27	July 2 - 27	July 2 - 27	July 2 - 27
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
<b>BACTERIA</b>					
<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> <sup>2</sup> (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> <sup>2</sup> (m)	Culture	0/12	0/12	-	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/12	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/8	0/8
<b>PARASITES AND FUNGI</b>					
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 (July 2018)

Species: MICE

Agents	Area	A15	A23	A24	A25
	Strains & Stocks	JAX <sup>®</sup> Mice Strain C57BL/6J	BALB/cAnNCrCrIj DBA/2NCrCrIj CD2F1/CrIj <sup>3</sup>	CAnN.Cg-Foxn1 <sup>tm</sup> /CrIj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J
	Test period Technique	July 2 - 27	July 9 - 27	July 2 - 27	July 9 - 27
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
<b>BACTERIA</b>					
<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> <sup>2</sup> (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> <sup>2</sup> (m)	Culture	-	-	0/12	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/8	0/8	0/12	0/8
<b>PARASITES AND FUNGI</b>					
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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HEALTH MONITORING REPORT (July 2018)

Species: RATS

Agents	Area	A22
	Strains & Stocks	CrI:CD(SD)
	Test period Technique	July 9 - 27
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup> (m)	MFIA	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8
<b>BACTERIA</b>		
<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> <sup>2</sup> (m)	Culture	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/8
<b>PARASITES AND FUNGI</b>		
Ectoparasites (m)	Direct Examination	0/8
Pinworms (m)	Direct Examination	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	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 (July 2018)

Printed date: July 31, 2018

Location: Hino Breeding Center

Species: MICE

Agents	Area	H12	H22	H23
	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	CrI:CD1(ICR) C57BL/6NCrI C3H/HeNCrI DBA/2NCrI B6D2F1/CrI <sup>3</sup> B6C3F1/CrI <sup>3</sup>	BALB/cAnNCrICrIj DBA/1JNCrIj
	Test period Technique	July 4 - 27	July 4 - 27	July 4 - 27
<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
<b>BACTERIA</b>				
<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> <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>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/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	0/8	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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 品質保証部マネジャー 川西正彦

HEALTH MONITORING REPORT (July 2018)

Printed date: July 31, 2018

Location: Hino Breeding Center

Species: RATS

Agents	Area	H11	H13	H21
	Strains & Stocks	F344/DuCrIcrlj SHR/NCrIcrlj WKY/NCrIcrlj CrIj:WI	LEW/CrIcrlj <sup>4</sup> BN/CrIcrlj ZDF- <i>Lepr<sup>fa</sup></i> /CrIcrlj PCK/CrIjCrI-P <sup>ck</sup> /CrIcrlj <sup>4</sup> CrIj:LE CrIj:ZUC- <i>Lepr<sup>fa</sup></i>	CrI:CD(SD)
	Test period Technique	July 4 - 27	July 4 - 27	July 4 - 27
<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
<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>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/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	0/8	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/4	0/4
<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

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

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 (July 2018)

Species: MICE

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNcrJCrJj (Sentinels)	CrJj:SHO-Prkdc <sup>scid</sup> H <sup>hr</sup> C3H/HeNcrJCrJj (Sentinels)	JAX <sup>®</sup> Mice Strain B6.129P2-Apoe <sup>tm1Unc</sup> /J
	Test period Technique	July 3 - 27	July 2 - 27	July 2 - 27
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Murine Norovirus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Reovirus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
<b>BACTERIA</b>				
<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 pneumonia</i> (q)	Culture	0/27	0/3	0/3
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	MFIA	0/9	0/1	0/3
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/27	0/3	0/3
<b>PARASITES AND FUNGI</b>				
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>Pneumocystis</i> spp. (q)	PCR	0/9	0/1	0/1

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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HEALTH MONITORING REPORT (July 2018)

Species: MICE

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc <sup>scid</sup> /CrICrlj C3H/HeNCrICrlj (Sentinels)
	Test period Technique	July 4 - 27
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup> (q)	MFIA	0/14
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/14
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/14
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/14
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/14
Murine Norovirus <sup>1</sup> (q)	MFIA	0/14
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/14
Reovirus <sup>1</sup> (q)	MFIA	0/14
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/14
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i> (q)	Culture	0/42
<i>Citrobacter rodentium</i> (q)	Culture	0/28
<i>Corynebacterium kutscheri</i> (q)	Culture	0/42
<i>Pasteurella pneumotropica</i> (q)	Culture	0/42
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/42
<i>Salmonella</i> spp. (q)	Culture	0/42
<i>Staphylococcus aureus</i> (q)	Culture	0/42
<i>Streptococcus pneumoniae</i> (q)	Culture	0/42
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	MFIA	0/14
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/42
<b>PARASITES AND FUNGI</b>		
Ectoparasites (q)	Direct Examination	0/42
Pinworms (q)	Direct Examination	0/42
Gastrointestinal protozoa (q)	Direct Examination	0/28
<i>Pneumocystis</i> spp. (q)	PCR	0/14

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (July 2018)

Printed date: July 31, 2018  
Location: Tsukuba Breeding Center

Species: MICE

Agents	Area	T23 Isolator	
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lys <sup>bs-J</sup> /CrIcrlj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	July 9 - 27	
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (q)	MFIA	0/15	0/2
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/15	0/2
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/15	0/2
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/15	0/2
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/15	0/2
Murine Norovirus <sup>1</sup> (q)	MFIA	0/15	0/2
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/15	0/2
Reovirus <sup>1</sup> (q)	MFIA	0/15	0/2
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/15	0/2
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (q)	Culture	0/45	0/6
<i>Citrobacter rodentium</i> (q)	Culture	0/30	0/4
<i>Corynebacterium kutscheri</i> (q)	Culture	0/45	0/6
<i>Pasteurella pneumotropica</i> (q)	Culture	0/45	0/6
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/45	0/6
<i>Salmonella</i> spp. (q)	Culture	0/45	0/6
<i>Staphylococcus aureus</i> (q)	Culture	0/45	0/6
<i>Streptococcus pneumoniae</i> (q)	Culture	0/45	0/6
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	MFIA	0/15	0/2
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFIA	0/45	0/6
<b>PARASITES AND FUNGI</b>			
Ectoparasites (q)	Direct Examination	0/45	0/6
Pinworms (q)	Direct Examination	0/45	0/6
Gastrointestinal protozoa (q)	Direct Examination	0/30	0/4
<i>Pneumocystis</i> spp. (q)	PCR	0/15	0/2

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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HEALTH MONITORING REPORT (July 2018)

Printed date: July 31, 2018  
Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T21 Isolator	T21 Isolator	T21 Isolator
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>scid</sup> Il2rg <sup>tm1Wjl</sup> /SzJ C3H/HeNCrCrIj (Sentinels)	CrIj:SHO-Prkdc <sup>scid</sup> Hr <sup>hr</sup> C3H/HeNCrCrIj (Sentinels)	JAX <sup>®</sup> Mice Strain B6.129P2-Apoe <sup>tm1Unc</sup> /J
	Test period Technique	July 10 - 27	July 10 - 27	July 10 - 27
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/21	0/7	0/4
<i>Citrobacter rodentium</i>	Culture	0/21	0/7	0/4
<i>Corynebacterium kutscheri</i>	Culture	0/21	0/7	0/4
<i>Pasteurella pneumotropica</i>	Culture	0/21	0/7	0/4
<i>Pseudomonas aeruginosa</i>	Culture	0/21	0/7	0/4
<i>Salmonella</i> spp.	Culture	0/21	0/7	0/4
<i>Staphylococcus aureus</i>	Culture	0/21	0/7	0/4
<i>Streptococcus pneumoniae</i>	Culture	0/21	0/7	0/4

Tested by Charles River Laboratories Japan, Inc.

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

HEALTH MONITORING REPORT (July 2018)

Species: MICE (Fecal and Water Samples)

Agents	Area	T22 Isolator
	Strains & Stocks	CB17/Icr-Prkdc <sup>scid</sup> /CrIcrlj C3H/HeNCrIcrlj (Sentinels)
	Test period Technique	July 10 - 27
<b>BACTERIA</b>		
<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 (July 2018)

Printed date: July 31, 2018

Location: Tsukuba Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	T23 Isolator	
	Strains & Stocks	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrCrIj (Sentinels)	CB17.Cg-Prkdc <sup>scid</sup> Lyst <sup>bg-J</sup> /CrIcrlj C3H/HeNCrCrIj (Sentinels)
	Test period Technique	July 10 - 27	July 9 - 26
<b>BACTERIA</b>			
<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.