

HEALTH MONITORING REPORT (December 2011)

Printed date: December 22, 2011  
Location: Atsugi Breeding Center

Species: MICE

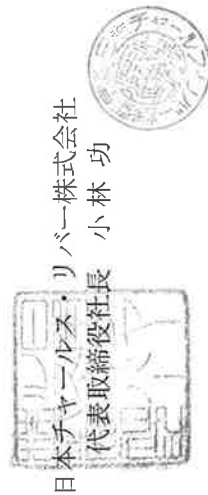
Agents	Area	A12	A13	A14	A23	A24	A25
		CAnN\Cg-Foxn1 <sup>tm</sup> /Ch1Crj <sup>4</sup> Crj;CD1 <sup>l</sup> /Foxn1 <sup>tm</sup> /Ch1Crj <sup>4</sup>	C57BL/6NCrjCrj DBA/2NcrjCrj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/Crj <sup>1</sup>	JAX <sup>®</sup> Mice Strain SJL/J Crj;CD1 <sup>l</sup> (ICR) NC/NgaTndCrj	BAuB/cAnNCrjCrj DBA/2NcrjCrj CD2F1/Crj <sup>1</sup>	CAnN\Cg-Foxn1 <sup>tm</sup> /Ch1Crj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J
Technique		December 5 - 13					
<b>VIRUSES</b>							
Sendai Virus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MEIA	0/8	0/8	0/8	0/8	0/8	0/8
<b>BACTERIA</b>							
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/4	0/4	0/4	0/8	0/4
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/8	0/8	0/8	0/12	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/12	-	-	-	0/12	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/8	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	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/8	0/8	0/8	0/12	0/8
<b>PARASITES AND FUNGI</b>							
Ectoparasites (m)	Direct Examination	0/12	0/8	0/8	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/12	0/8	0/8	0/8	0/12	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/4	0/4	0/4	0/8	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<sup>+</sup>/nu<sup>+</sup>* mice

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HEALTH MONITORING REPORT (December 2011)

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrjCrj	ZDF-Lep <sup>6</sup> /CrjCrj Crj;ZUC-Lep <sup>6</sup>	Crj:CD(SD)
	Test period Technique	December 8 - 13	December 8 - 13	December 8 - 13
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8
<i>Corynebacterium kayscheri</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)	MFA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	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)	MFA	0/8	0/8	0/8

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 included in the Specific Pathogen Free (SPF) lists



日本查路ルズニリバー株式会社  
代表取締役社長 小林 功

HEALTH MONITORING REPORT (December 2011)

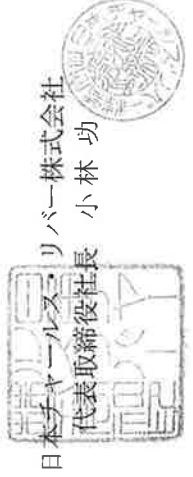
Printed date: December 22, 2011  
Location: Hino Breeding Center

Species: MICE

Agents	Area	H12	H23
	Strains & Stocks	Crj:CD1(ICR) C57BL/6NCrjCrj C3H/HeNCrjCrj B6C3F1/Crj <sup>3</sup>	BALB/cAnNCrjCrj DBA/1JNCrj
Technique		December 6 - 13	
<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
<b>BACTERIA</b>			
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/4	0/4
<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>Mycoplasma pulmonis</i> <sup>1</sup> (m)	Culture	0/8	0/8
<i>Clostridium pilosforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Culture	0/8	0/8
Lesions/MFIA			
<b>PARASITES AND FUNGI</b>			
Ectoparasites (m)	Direct Examination	0/8	0/8
Pinworms (m)	Direct Examination	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	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

HEALTH MONITORING REPORT (December 2011)

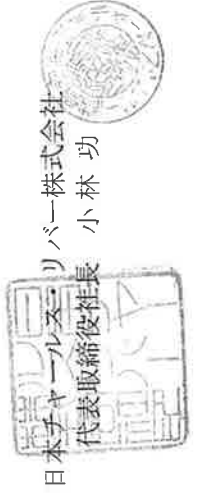
Species: RATS

Agents	Area		H11	H13	H21
	Strains & Stocks	Test period	CrI:CD(SD) CrI:Wt(Han) SHR/NCrI:CrIj WKY/NCrI:CrIj	LEW/CrI:CrIj BN/CrI:CrIj	CrI:CD(SD)
	Technique	December 6 - 13	December 6 - 13	December 6 - 13	December 6 - 13
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Stolodactyoadenitis Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Tooolan's H-1 Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	0/8	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>					
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/8	0/8	0/8	0/8
Gastrointestinal protozoa (m)	Direct Examination	0/4	0/4	0/4	0/4
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFA	0/8	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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HEALTH MONITORING REPORT (December 2011)

Printed date: December 22, 2011  
Location: Tsukuba Breeding Center

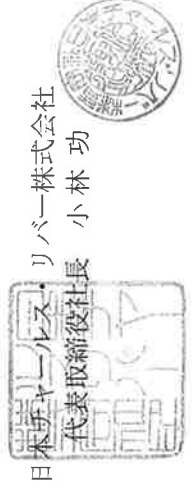
Species: MICE

Agents	Area Strains & Stocks		Test period	
	T12 JAX® Mice Strain C57BL/6J	T22 JAX® Mice Strain B6.V-Lep <sup>fl/j</sup> JAX® Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>fl/j</sup>	T12 December 8 - 13	T22 December 8 - 13
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Mimic Virus of Mice <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	0/8	0/8	0/8	0/12
<i>Citrobacter rodentium</i> (m)	0/4	0/4	0/4	0/8
<i>Corynebacterium kutscheri</i> (m)	0/8	0/8	0/8	0/12
<i>Pasteurella pneumotropica</i> (m)	0/8	0/8	0/8	0/12
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	0/8	0/8	0/8	0/12
<i>Salmonella</i> spp. (m)	0/8	0/8	0/8	0/12
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	-	-	-	0/12
<i>Streptococcus pneumoniae</i> (m)	0/8	0/8	0/8	0/12
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	0/8	0/8	0/8	0/12
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	0/8	0/8	0/8	0/12
Pinworms (m)	0/8	0/8	0/8	0/12
Gastrointestinal protozoa (m)	0/4	0/4	0/4	0/8

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: Monitoring on both *nu/nu* and *nu/+* mice  
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日本チャールズ・リバー株式会社  
代表取締役社長 小林 功

**HEALTH MONITORING REPORT (December 2011)**

Species: RATS

Agents	Area Strains & Stocks		T21	
	Technique	Test period	T11	Crl:CD(SD)
<b>VIRUSES</b>		December 8 - 13	December 8 - 13	December 8 - 13
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 kauscheri</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

 Remarks: 1: Serology on immunocompetent animals from each colony  
 2: Not considered as specific pathogens for immunocompetent strains  
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HEALTH MONITORING REPORT (December 2011)

Species: MICE

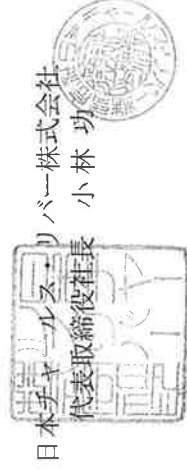
Agents	Area	Isolator	Isolator	Isolator
	Strains & Stocks	CB17/1cr-Prhkd <sup>sent</sup> /CrlCrj (Sentinels) C3H/HeNCrCrj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17-Prhkd <sup>sent</sup> /CrlCrj (Sentinels) C3H/HeNCrCrj (Sentinels)	Crlj:SHO-Prhkd <sup>sent</sup> H <sup>hr</sup> C3H/HeNCrCrj (Sentinels)
	Test period	December 12 - 16		
	Technique	December 12 - 16		
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Pneumonia Virus of Mice <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Mouse Hepatitis Virus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Minute Virus of Mice <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Mouse Parvovirus (1 or 2) <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Murine Norovirus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Reovirus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (g)	MFA	0/11	0/7	0/5
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (g)	Culture	0/33	0/21	0/15
<i>Citrobacter rodentium</i> (g)	Culture	0/22	0/14	0/10
<i>Corynebacterium kutscheri</i> (g)	Culture	0/33	0/21	0/15
<i>Pasteurella pneumotropica</i> (g)	Culture	0/33	0/21	0/15
<i>Pseudomonas aeruginosa</i> (g)	Culture	0/33	0/21	0/15
<i>Salmonella</i> spp. (g)	Culture	0/33	0/21	0/15
<i>Staphylococcus aureus</i> (g)	Culture	0/33	0/21	0/15
<i>Streptococcus pneumoniae</i> (g)	Culture	0/33	0/21	0/15
<i>Mycoplasma pulmonis</i> <sup>1</sup> (g)	Culture	0/11	0/7	0/5
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (g)	Culture	0/33	0/21	0/15
<b>PARASITES AND FUNGI</b>				
Ectoparasites (g)	Lesions/MFA			
Pinworms (g)	Direct Examination	0/33	0/21	0/15
Gastrointestinal protozoa (g)	Direct Examination	0/22	0/14	0/10
<i>Pneumocystis</i> spp. (g)	PCR	0/11	0/7	0/5

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

Tested by Charles River Laboratories Japan, Inc.

Remarks: 1. Serology on immunocompetent animals from each colony

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HEALTH MONITORING REPORT (December 2011)

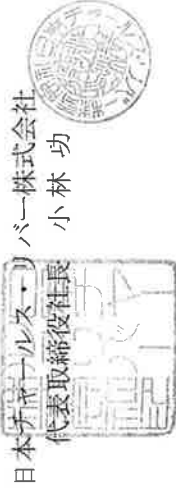
Printed date: December 22, 2011  
Location: Yokohama Breeding Center

Species: MICE (Fecal and Water Samples)

Agents	Area	Isolator		
		CB17/ter-Prkdc <sup>scid</sup> /CrjCrlj C3H/HeNCrjCrlj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /1 C3H/HeNCrjCrlj (Sentinels)	Isolator
	Test period	December 12 - 15		
	Technique	December 12 - 15		
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/37	0/17	0/9
<i>Citrobacter rodentium</i>	Culture	0/37	0/17	0/9
<i>Corynebacterium kutscheri</i>	Culture	0/37	0/17	0/9
<i>Pasteurella pneumotropica</i>	Culture	0/37	0/17	0/9
<i>Pseudomonas aeruginosa</i>	Culture	0/37	0/17	0/9
<i>Salmonella</i> spp.	Culture	0/37	0/17	0/9
<i>Staphylococcus aureus</i>	Culture	0/37	0/17	0/9
<i>Streptococcus pneumoniae</i>	Culture	0/37	0/17	0/9

Tested by Charles River Laboratories Japan, Inc.

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



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