

HEALTH MONITORING REPORT (June 2012)

Species: MICE

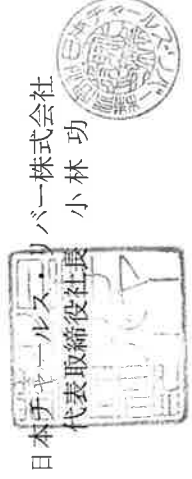
Agents	Area		A12	A13	A14	A23	A24	A25
	Strains & Stocks	Technique	June 4 - 12	June 8 - 14	June 4 - 12	June 8 - 12	June 4 - 12	June 4 - 12
<b>VRUSES</b>								
Sendai Virus <sup>1</sup> (m)	MFA	0/8	C57BL/6NC-1Crj DBA/2NChCrj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/Crj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J Crlj/CD1 (ICR) NC/NgaTndCrj	BALB/cAnNCrjCrj DBA/2NChCrj CD2F1/Crj <sup>3</sup>	CAN/Cg-Fvax1 <sup>™</sup> /CrjCrj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J	
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA	0/8						
Mouse Hepatitis Virus <sup>1</sup> (m)	MFA	0/8						
Minute Virus of Mice <sup>1</sup> (m)	MFA	0/8						
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFA	0/8						
Murine Norovirus <sup>1</sup> (m)	MFA	0/8						
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFA	0/8						
Reovirus <sup>1</sup> (m)	MFA	0/8						
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFA	0/8						
<b>BACTERIA</b>								
<i>Bordetella bronchiseptica</i> (m)	Culture	0/12						
<i>Citrobacter rodentium</i> (m)	Culture	0/8						
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12						
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12						
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/12						
<i>Salmonella</i> spp. (m)	Culture	0/12						
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/12						
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12						
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFA	0/8						
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	0/12						
<b>PARASITES AND FUNGI</b>								
Ectoparasites (m)	Direct Examination	0/12						
Pinworms (m)	Direct Examination	0/12						
Gastrointestinal protozoa (m)	Direct Examination	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 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 (June 2012)

Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrjCrj	ZDF-Lep <sup>h</sup> /CrjCrj Crj;ZUC-Lep <sup>h</sup>	Crj;CD(SD)
	Test period	June 8 - 14	June 8 - 12	June 8 - 12
	Technique			
<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
Stolodactyodentitis 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

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



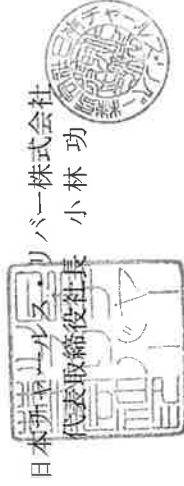
**HEALTH MONITORING REPORT (June 2012)**

Species: MICE

Agents	Area	H12	H23
		CrjJ:CD1 (ICR) C57BL/6NCrJCrjJ C3H/HeNCrJCrjJ B6C3F1/CrjJ <sup>1</sup>	BALB/cAnNCrJCrjJ DBA/1JNCrjJ
Technique		June 5 - 12	June 5 - 12
<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>2</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)	MFIA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	MFIA	0/8	0/8
<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 (June 2012)

Species: RATS

Agents	Area Strains & Stocks	H11	H13	H21
		Crit:W(Han) SHR/NCr(Cr)j WKY/NCr(Cr)j	LEW/Cr(Cr)j BN/Cr(Cr)j	CrI:CD(SD)
Test period		June 6 - 12		
Technique		June 6 - 12		
<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
Sialodactyloadenitis 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

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


HEALTH MONITORING REPORT (June 2012)

Species: MICE

Agents	Area		T22	T23
	Strains & Stocks	T12		
Technique		June 6 - 12		
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain C57BL/6J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	CAN\ Cg-Foxn1 <sup>tm</sup> /C1C1j <sup>3</sup>
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Minute Virus of Mice <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Murine Norovirus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Reovirus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Citrobacter rodentium</i> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Corynebacterium kutscheri</i> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Pasteurella pneumotropica</i> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Salmonella</i> spp. (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Streptococcus pneumoniae</i> (m)	Culture	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Pinworms (m)	Direct Examination	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	
Gastrointestinal protozoa (m)	Direct Examination	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	JAX <sup>®</sup> Mice Strain B6.V-Lepr <sup>ob</sup> /J	

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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HEALTH MONITORING REPORT (June 2012)

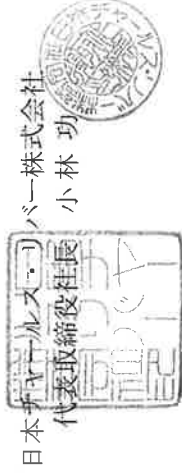
Species: RATS

Agents	T11		T21	
	Area Strains & Stocks	Crj:W1	Ch:CD(SD)	
	Technique	June 6 - 12	June 6 - 14	
<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	
Sialodactyoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8	
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8	
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8	
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8	
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8	
<b>BACTERIA</b>				
<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> <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)	MFIA	0/8	0/8	
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/8	0/8	
<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	
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFIA	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



HEALTH MONITORING REPORT (June 2012)

Printed date: June 26, 2012

Location: Yokohama Breeding Center

Species: MICE

Agents	Area Strains & Stocks	Isolator		
		June 12 - 18	June 11 - 14	June 11 - 14
<b>VIRUSES</b>	<b>Test period Technique</b>			
Sendai Virus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Murine Norovirus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Reovirus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (q)	Culture	0/30	0/24	0/12
<i>Citrobacter rodentium</i> (q)	Culture	0/20	0/16	0/8
<i>Corynebacterium kutscheri</i> (q)	Culture	0/30	0/24	0/12
<i>Pasteurella pneumotropica</i> (q)	Culture	0/30	0/24	0/12
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/30	0/24	0/12
<i>Salmonella</i> spp. (q)	Culture	0/30	0/24	0/12
<i>Staphylococcus aureus</i> (q)	Culture	0/30	0/24	0/12
<i>Streptococcus pneumoniae</i> (q)	Culture	0/30	0/24	0/12
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	MFIA	0/10	0/8	0/4
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	MFIA	0/30	0/24	0/12
<b>PARASITES AND FUNGI</b>				
Ectoparasites (q)	Direct Examination	0/30	0/24	0/12
Pinworms (q)	Direct Examination	0/30	0/24	0/12
Gastrointestinal protozoa (q)	Direct Examination	0/20	0/16	0/8
<i>Pneumocystis</i> spp. (q)	PCR	0/10	0/8	0/4

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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日本チャールズ・リバー株式会社  
代表取締役社長 小林 功

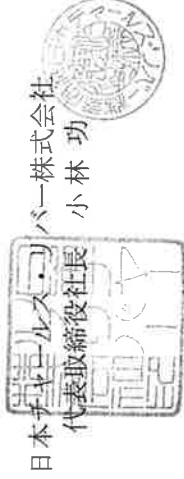
HEALTH MONITORING REPORT (June 2012)

Species: MICE (Fecal and Water Samples)

Agents	Area		Isolator	
	Strains & Stocks	CB17/1cr-Prkdc <sup>scid</sup> /CrlCrJ (Sentinels)	IAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCrIj (Sentinels)	Isolator
	Test period	June 11 - 14		
	Technique	June 11 - 14		
<b>BACTERIA</b>				June 11 - 14
<i>Bordetella bronchiseptica</i>	Culture	0/38	0/17	0/8
<i>Citrobacter rodentium</i>	Culture	0/38	0/17	0/8
<i>Corynebacterium kauscheri</i>	Culture	0/38	0/17	0/8
<i>Pasteurella pneumotropica</i>	Culture	0/38	0/17	0/8
<i>Pseudomonas aeruginosa</i>	Culture	0/38	0/17	0/8
<i>Salmonella</i> spp	Culture	0/38	0/17	0/8
<i>Staphylococcus aureus</i>	Culture	0/38	0/17	0/8
<i>Streptococcus pneumoniae</i>	Culture	0/38	0/17	0/8

Tested by Charles River Laboratories Japan, Inc.

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



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