

Species: MICE

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Aisugi Breeding Center

Agents	Area	A11	A12	A13	A14	A23	A24
	Strains & Stocks	Chj:CD1(QCR) NC/NgaTndChj	CaN <sup>n</sup> :Cg-Foxm <sup>1</sup> /ChjChj <sup>4</sup> Chj:CD1-Foxm <sup>1</sup> 4	C57BL/6NChjChj DBA/2NChjChj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/Chj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J Chj:CD1(QCR) NC/NgaTndChj	BALB/cANChjChj DBA/2NChjChj CD2F1/Chj <sup>3</sup>	CaN <sup>n</sup> :Cg-Foxm <sup>1</sup> /ChjChj <sup>4</sup>
VIRUSES	Test period	January 11 - 17	January 11 - 20	January 11 - 17	January 7 - 17	January 7 - 12	January 11 - 20
	Technique						
Sendai Virus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Minute Virus of Mice <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Murine Norovirus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Reovirus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MEIA	0/16	0/8	0/16	0/16	0/16	0/8
<b>BACTERIA</b>							
<i>Bordetella bronchiseptica</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Pasteurella pneumotropica</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Salmonella</i> spp. (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MEIA	0/16	0/16	0/16	0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MEIA	0/16	0/16	0/16	0/16	0/16	0/16
<b>PARASITES AND FUNGI</b>							
Ectoparasites (m)	Direct Examination	0/16	0/16	0/16	0/16	0/16	0/16
Pinworms (m)	Direct Examination	0/16	0/16	0/16	0/16	0/16	0/16
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	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 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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Eiichi Morimura, D.V.M.  
Quality Assurance Director



Species: RATS

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Atsugi Breeding Center

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrjCrlj	ZDF-Lep <sup>ph</sup> /CrjCrlj Crj-ZUC-Lep <sup>ph</sup>	Crj:CD(SD)
	Test period	January 4 - 17	January 4 - 12	January 4 - 12
	Technique			
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Pneumonia Virus of Mice <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Stalodacycoadentis Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Minute Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Parvovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Toolan's H-1 Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Kilham Rat Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Reovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Theilovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/16	0/16	0/16
<i>Corynebacterium kutscheri</i> (m)	Culture	0/16	0/16	0/16
<i>Pasteurella pneumotropica</i> (m)	Culture	0/16	0/16	0/16
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/16	0/16	0/16
<i>Salmonella</i> spp. (m)	Culture	0/16	0/16	0/16
<i>Streptococcus pneumoniae</i> (m)	Culture	0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFLA	0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFLA	0/16	0/16	0/16
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/16	0/16	0/16
Pinworms (m)	Direct Examination	0/16	0/16	0/16
Gastrointestinal protozoa (m)	Direct Examination	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

日本チャールズ  
代表取締役社長

リバー株式会社  
池田卓也



*Hiichi Morimura*  
Hiichi Morimura, D.V.M.  
Quality Assurance Director

HEALTH MONITORING REPORT (January 2011)

Agents	Area	Technique	Test period	
	Strains & Stocks			
<b>VIRUSES</b> Sendai Virus <sup>1</sup> (m) Pneumonia Virus of Mice <sup>1</sup> (m) Mouse Hepatitis Virus <sup>1</sup> (m) Minute Virus of Mice <sup>1</sup> (m) Mouse Parvovirus (1 or 2) <sup>1</sup> (m) Murine Norovirus <sup>1</sup> (m) Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m) Reovirus <sup>1</sup> (m) Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	<b>H12</b> CJ1:CD1(ICR) G57BL/6NCHCrlj C3H/HeNCrCrlj B6C3F1/Crlj <sup>3</sup>	January 13 - 17		
	<b>H23</b> BALB/cANNCrCrlj DBA/1JNCrlj	January 12 - 17		
	<b>BACTERIA</b> <i>Bordetella bronchiseptica</i> (m) <i>Citrobacter rodentium</i> (m) <i>Corynebacterium kutscheri</i> (m) <i>Pasteurella pneumotropica</i> (m) <i>Pseudomonas aeruginosa</i> <sup>2</sup> (m) <i>Salmonella</i> spp. (m) <i>Streptococcus pneumoniae</i> (m) <i>Mycoplasma pulmonis</i> <sup>1</sup> (m) <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Culture Culture Culture Culture Culture Culture Culture PCR/MFIA Lesions/MFIA	0/16 0/8 0/16 0/16 0/16 0/16 0/16 0/16 0/16	0/16 0/8 0/16 0/16 0/16 0/16 0/16 0/16 0/16
	<b>PARASITES AND FUNGI</b> Ectoparasites (m) Pinworms (m) Gastrointestinal protozoa (m)	Direct Examination Direct Examination Direct Examination	0/16 0/16 0/8	0/16 0/16 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

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Quality Assurance Director

Species: RATS

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Hino Breeding Center

Agents	Area	H11	H13	H21
	Strains & Stocks	CI:CD(SD) CI:W(Han) SHR/NCI-CIj WKY/NCI-CIj	LEW/CI-CIj BN/CI-CIj	CI:CD(SD)
	Test period	January 6 - 17	January 6 - 20	January 6 - 20
	Technique			
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Pneumonia Virus of Mice <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Sialodactyloadenitis Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Minute Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Parvovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Toolan's H-1 Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Kilham Rat Virus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Reovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
Rat Theilovirus <sup>1</sup> (m)	MFLA	0/16	0/16	0/16
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/16	0/16	0/16
<i>Corynebacterium kutscheri</i> (m)	Culture	0/16	0/16	0/16
<i>Pasteurella pneumotropica</i> (m)	Culture	0/16	0/16	0/16
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/16	0/16	0/16
<i>Salmonella</i> spp. (m)	Culture	0/16	0/16	0/16
<i>Streptococcus pneumoniae</i> (m)	Culture	0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFLA	0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFLA	0/16	0/16	0/16
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/16	0/16	0/16
Pinworms (m)	Direct Examination	0/16	0/16	0/16
Gastrointestinal protozoa (m)	Direct Examination	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



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Species: MICE

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Tsukuba Breeding Center

Agents	Area		T12	T22	T23
	Strains & Stocks	Test period	January 13 - 17	January 13 - 17	January 13 - 20
<b>VIROSES</b>					
Sendai Virus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Murine Norovirus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Reovirus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFLA		0/16	0/16	0/8
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (m)	Culture		0/16	0/16	0/16
<i>Chromobacter rodentium</i> (m)	Culture		0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture		0/16	0/16	0/16
<i>Pasteurella pneumotropica</i> (m)	Culture		0/16	0/16	0/16
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture		0/16	0/16	0/16
<i>Salmonella</i> spp. (m)	Culture		0/16	0/16	0/16
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture		-	-	0/16
<i>Streptococcus pneumoniae</i> (m)	Culture		0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFLA		0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFLA		0/16	0/16	0/16
<b>PARASITES AND FUNGI</b>					
Ectoparasites (m)	Direct Examination		0/16	0/16	0/16
Pinworms (m)	Direct Examination		0/16	0/16	0/16
Gastrointestinal protozoa (m)	Direct Examination		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: Monitoring on both *mvlx* and *mvl+* mice  
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代表取締役社長



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Species: RATS

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Tsukuba Breeding Center

Agents	Area		T11 Ctj:WT LBW/CHCtj January 5 - 12	T21 CH:CD(SD) January 5 - 12
	Strains & Stocks	Technique		
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFLA		0/16	0/16
Pneumonia Virus of Mice <sup>1</sup> (m)	MFLA		0/16	0/16
Stalodactyodentitis Virus <sup>1</sup> (m)	MFLA		0/16	0/16
Rat Minute Virus <sup>1</sup> (m)	MFLA		0/16	0/16
Rat Parvovirus <sup>1</sup> (m)	MFLA		0/16	0/16
Toolan's H-1 Virus <sup>1</sup> (m)	MFLA		0/16	0/16
Kilham Rat Virus <sup>1</sup> (m)	MFLA		0/16	0/16
Reovirus <sup>1</sup> (m)	MFLA		0/16	0/16
Rat Theilovirus <sup>1</sup> (m)	MFLA		0/16	0/16
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture		0/16	0/16
<i>Corynebacterium kutscheri</i> (m)	Culture		0/16	0/16
<i>Pasteurella pneumotropica</i> (m)	Culture		0/16	0/16
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture		0/16	0/16
<i>Salmonella</i> spp. (m)	Culture		0/16	0/16
<i>Streptococcus pneumoniae</i> (m)	Culture		0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFLA		0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFLA		0/16	0/16
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination		0/16	0/16
Pitworms (m)	Direct Examination		0/16	0/16
Gastrointestinal protozoa (m)	Direct Examination		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



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Quality Assurance Director

Species: MICE

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Yokohama Breeding Center

Agents	Area		Isolator	Isolator	Isolator
	Strains & Stocks	Test period	CB17/lec- <i>Prkdc</i> <sup>scid</sup> /CHCrlj C3H/HeNChCrlj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17- <i>Prkdc</i> <sup>scid</sup> /J C57BL/6NChCrlj (Sentinels)	Chj:SHO- <i>Prkdc</i> <sup>scid</sup> <i>H<sup>u</sup></i> C3H/HeNChCrlj (Sentinels)
<b>VIRUSES</b>		January 14 - 24	January 17 - 24	January 17 - 24	
Sendai Virus <sup>1</sup>	MFLA	0/21	0/7	0/4	
Pneumonia Virus of Mice <sup>1</sup>	MFLA	0/21	0/7	0/4	
Mouse Hepatitis Virus <sup>1</sup>	MFLA	0/21	0/7	0/4	
Minute Virus of Mice <sup>1</sup>	MFLA	0/21	0/7	0/4	
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFLA	0/21	0/7	0/4	
Murine Norovirus <sup>1</sup>	MFLA	0/21	0/7	0/4	
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFLA	0/21	0/7	0/4	
Reovirus <sup>1</sup>	MFLA	0/21	0/7	0/4	
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFLA	0/21	0/7	0/4	
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i>	Culture	0/63	0/21	0/12	
<i>Citrobacter rodentium</i>	Culture	0/42	0/14	0/8	
<i>Corynebacterium kutscheri</i>	Culture	0/63	0/21	0/12	
<i>Pasteurella pneumotropica</i>	Culture	0/63	0/21	0/12	
<i>Pseudomonas aeruginosa</i>	Culture	0/63	0/21	0/12	
<i>Salmonella</i> spp.	Culture	0/63	0/21	0/12	
<i>Staphylococcus aureus</i>	Culture	0/63	0/21	0/12	
<i>Streptococcus pneumoniae</i>	Culture	0/63	0/21	0/12	
<i>Mycoplasma pulmonis</i> <sup>1</sup>	MFLA	0/21	0/7	0/4	
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFLA	0/63	0/21	0/12	
<b>PARASITES AND FUNGI</b>					
Ectoparasites	Direct Examination	0/63	0/21	0/12	
Pinworms	Direct Examination	0/63	0/21	0/12	
Gastrointestinal protozoa	Direct Examination	0/42	0/14	0/8	
<i>Pneumocystis</i> spp.	PCR	0/21	0/7	0/4	

Testing frequency: Isolator-maintained animals are tested quarterly.

Tested by Charles River Laboratories Japan, Inc.

Remarks : 1: Serology on immunocompetent animals from each colony  
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Quality Assurance Director

Species: MICE (Fecal Sample)

HEALTH MONITORING REPORT (January 2011)

Printed date: January 26, 2011  
Location: Yokohama Breeding Center

Agents	Area		Isolator	Isolator	Isolator			
	Strains & Stocks	Test period						
<b>BACTERIA</b> <i>Bordetella bronchiseptica</i> <i>Chromobacter rodentium</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i>	Culture Culture Culture Culture Culture	January 17 - 24	CBI17/lec- <i>Prkdc</i> <sup>scid</sup> /CrlCrlj C3H/HeN/CrlCrlj (Sentinels)	JAXX <sup>®</sup> Mice Strain NOD.CB17- <i>Prkdc</i> <sup>scid</sup> /J C57BL/6N/CrlCrlj (Sentinels) C3H/HeN/CrlCrlj (Sentinels)	Crlj:SHO- <i>Prkdc</i> <sup>scid</sup> <i>H<sub>2</sub></i> <sup>h<sup>u</sup></sup> C3H/HeN/CrlCrlj (Sentinels)			
						0/48	0/24	0/14
						0/48	0/24	0/14
						0/48	0/24	0/14
						0/48	0/24	0/14

Testing frequency: Fecal samples of isolator-maintained animals are tested monthly.

Tested by Charles River Laboratories Japan, Inc.

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*Erich Morimura, D.V.M.*  
Erich Morimura, D.V.M.  
Quality Assurance Director



**RADS HEALTH MONITORING REPORT (December 2010)**

Printed date: January 28, 2011  
Location: Atsugi Breeding Center

Agents	Area	A11	A12	A13	A14	A23	A24	
	Strains & Stocks	SIJ/OHChCij <sup>3</sup> Cij:CD1(ICR) NC/NgaTndCij <sup>3</sup>	CaN/Cg-Foxn1 <sup>tm</sup> /ChCij <sup>4</sup> Cij:CD1-Foxn1 <sup>tm</sup> <sup>3</sup>	C57BL/6NChCij <sup>5</sup> DBA/2NChCij <sup>3</sup> B6D2F1/Cij <sup>3</sup>	JAX <sup>®</sup> Mice Strain SIJ/J Cij:CD1(ICR) <sup>3</sup> NC/NgaTndCij <sup>3</sup>	BALB/cAnNCij <sup>3</sup> DBA/2NChCij <sup>3</sup> CD2F1/Cij <sup>3</sup>	CaN/Cg-Foxn1 <sup>tm</sup> /ChCij <sup>4</sup>	
	Test period	December 8 - 21		December 8 - 22	December 8 - 22	December 8 - 22	December 8 - 22	
	Technique							
<b>VIRUSES</b>								
Sendai Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Pneumonia Virus of Mice <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Hepatitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Minute Virus of Mice <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Murine Norovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Reovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Ectromelia Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Cytomegalovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Pneumonitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Polyoma Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Hantaan Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
Mouse Thymic Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
<b>BACTERIA</b>								
<i>Bordetella bronchiseptica</i>	Culture	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Citrobacter rodentium</i>	Culture	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Corynebacterium kutscheri</i>	Culture	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Pasteurella pneumotropica</i>	Culture	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	-	-	-	-	-	-	
<i>Salmonella</i> spp.	PCR	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Streptococcus pneumoniae</i>	Culture	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Staphylococcus aureus</i> <sup>2</sup>	Culture	-	-	-	-	-	-	
$\beta$ - Hemolytic <i>Streptococcus</i> spp. <sup>2</sup>	Culture	-	-	-	-	-	-	
<i>Helicobacter hepaticus</i>	PCR	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Helicobacter bilis</i>	PCR	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Helicobacter</i> spp.	PCR	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Streptobacillus moniliformis</i>	PCR	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
CAI bacillus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	
<b>PARASITES AND FUNGI</b>								
Ectoparasites	Direct Examination	0/15	0/15	0/15	0/15	0/15	0/15	
Pinworms	Direct Examination	0/15	0/15	0/15	0/15	0/15	0/15	
Gastrointestinal protozoa	Direct Examination	0/8	0/8	0/8	0/8	0/8	0/8	
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15	0/15	

Animals were shipped to Charles River Laboratories on December 7, 2010.

Remarks : 1: Serology on immunocompetent animals from each colony

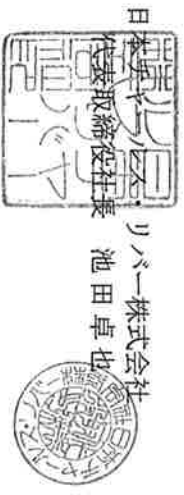
2: Not considered as specific pathogens for immunocompetent strains

3: Not tested strains or stocks; monitoring on parents or other strains in the area

4: Monitoring on *mH/+* mice

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Tested by Charles River Research Animal Diagnostic Services



池田卓也  
Eiichi Morimura, V.M.  
Quality Assurance Director

RADS HEALTH MONITORING REPORT (December 2010)

Printed date: January 28, 2011  
Location: Aisugi Breeding Center

Agents	Area			
	Strains & Stocks	A15	A21	A22
	Test period	December 8 - 21	December 8 - 21	December 8 - 16
Technique				
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Pneumonia Virus of Mice <sup>1</sup>	MPIA	0/15	0/15	0/15
Sendai Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Sialodactyloendinitis Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Rat Minute Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Rat Parvovirus <sup>1</sup>	MPIA	0/15	0/15	0/15
Toolan's H-1 Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Kilham Rat Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Reovirus <sup>1</sup>	MPIA	0/15	0/15	0/15
Rat Theilovirus <sup>1</sup>	MPIA	0/15	0/15	0/15
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
Mouse Adenovirus (1 or 2) <sup>1</sup>	MPIA	0/15	0/15	0/15
Hantaan Virus <sup>1</sup>	MPIA	0/15	0/15	0/15
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/15	0/15	0/15
<i>Corynebacterium kutscheri</i>	Culture	0/15	0/15	0/15
<i>Pasteurella pneumotropica</i>	Culture	0/15	0/15	0/15
<i>Salmonella</i> spp.	PCR	0/15	0/15	0/15
<i>Streptococcus pneumoniae</i>	Culture	0/15	0/15	0/15
<i>Helicobacter hepaticus</i>	PCR	0/15	0/15	0/15
<i>Helicobacter bilis</i>	PCR	0/15	0/15	0/15
<i>Helicobacter</i> spp.	PCR	0/15	0/15	0/15
<i>Streptobacillus moniliformis</i>	PCR	0/15	0/15	0/15
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MPIA	0/15	0/15	0/15
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Lesions/MPIA	0/15	0/15	0/15
<i>CAR bacillus</i> <sup>1</sup>	MPIA	0/15	0/15	0/15
<b>PARASITES AND FUNGI</b>				
Ectoparasites	Direct Examination	0/15	0/15	0/15
Pinworms	Direct Examination	0/15	0/15	0/15
Gastrointestinal protozoa	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MPIA	0/15	0/15	0/15
<i>Pneumocystis</i> spp. <sup>3</sup>	IFA	0/15	0/15	0/15

Animals were shipped to Charles River Laboratories on December 7, 2010.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony  
2: Not tested strains or stocks; monitoring on parents or other strains in the area  
3: Not included in the Specific Pathogen Free (SPF) lists



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*Eliechi Morimura, D.V.M.*  
Quality Assurance Director

RADS HEALTH MONITORING REPORT (December 2010)

Species: MICE

Printed date: January 28, 2011  
Location: Himo Breeding Center

Agents	Area	Test period	Strains & Stocks	
	Technique			
<b>VIRUSES</b> Sendai Virus <sup>1</sup> Pneumonia Virus of Mice <sup>1</sup> Mouse Hepatitis Virus <sup>1</sup> Minute Virus of Mice <sup>1</sup> Mouse Parvovirus (1 or 2) <sup>1</sup> Murine Norovirus <sup>1</sup> Theiler's Murine Encephalomyelitis Virus <sup>1</sup> Reovirus <sup>1</sup> Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> Lymphocytic Choriomeningitis Virus <sup>1</sup> Ectromelia Virus <sup>1</sup> Mouse Adenovirus (1 or 2) <sup>1</sup> Mouse Cytomegalovirus <sup>1</sup> Mouse Pneumonitis Virus <sup>1</sup> Polyoma Virus <sup>1</sup> Hantaan Virus <sup>1</sup> Mouse Thymic Virus <sup>1</sup>	H12 <sup>3</sup>	December 16 - January 4	CD1(CR) C57BL/6N-CrJ <sup>2</sup> C3H/HeNCrJ <sup>2</sup> B6C3F1/CrJ <sup>2</sup>	
	H23	December 16 - 31	BALB/cANNCrJ DBA/1JNCrJ <sup>2</sup>	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	MEDIA	0/14	0/15	
	<b>BACTERIA</b> <i>Bordetella bronchiseptica</i> <i>Citrobacter rodentium</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella pneumotropica</i> <i>Salmonella</i> spp. <i>Streptococcus pneumoniae</i> <i>Helicobacter hepaticus</i> <i>Helicobacter bilis</i> <i>Helicobacter</i> spp. <i>Streptobacillus moniliformis</i> <i>Mycoplasma pulmonis</i> <sup>1</sup> <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> <i>CAR bacillus</i> <sup>1</sup>	Culture Culture Culture Culture Culture PCR PCR PCR PCR PCR PCR/MEDIA Lesions/MEDIA MFLA	0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14 0/14	0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15 0/15
	<b>PARASITES AND FUNGI</b> Ectoparasites Pinworms Gastrointestinal protozoa <i>Encephalitozoon cuniculi</i> <sup>1</sup>	Direct Examination Direct Examination Direct Examination MFLA	0/14 0/14 0/8 0/14	0/15 0/15 0/8 0/15

Animals were shipped to Charles River Laboratories on December 15, 2010.

Tested by Charles River Research Animal Diagnostic Services

Remarks : 1: Serology on immunocompetent animals from each colony  
2: Not tested strains or stocks: monitoring on parents in the area  
3: One of the test animals was dead on arrival and could not be tested.

日本チャールズリバー  
代表取締役社長 池田卓也  
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池田卓也

Eitichi Morimura, DVM  
Quality Assurance Director

RADS HEALTH MONITORING REPORT (December 2010)

Printed date: January 28, 2011  
Location: Hino Breeding Center

Agents	Area		H11	H13	H21
	Strains & Stocks	Test period	Ch:CD(SD) Ch:W(Ran) <sup>2</sup> SHR/NC/Chj <sup>2</sup> WKY/NC/Chj <sup>2</sup>	LEW/Ch/Chj BN/Ch/Chj <sup>2</sup>	Ch:CD(SD)
<b>VIRUSES</b>		December 16 - January 10		December 16 - 29	December 16 - 30
Sendai Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Pneumonia Virus of Mice <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Stomatocystitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Rat Minute Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Rat Parvovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Toolan's H-1 Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Kilham Rat Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Reovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Rat Theilovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
Hantaan Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i>	Culture	0/15	0/15	0/15	0/15
<i>Corynebacterium kutscheri</i>	Culture	0/15	0/15	0/15	0/15
<i>Pasteurella pneumoptica</i>	Culture	0/15	0/15	0/15	0/15
<i>Salmonella</i> spp.	PCR	0/15	0/15	0/15	0/15
<i>Streptococcus pneumoniae</i>	Culture	0/15	0/15	0/15	0/15
<i>Helicobacter hepaticus</i>	PCR	0/15	0/15	0/15	0/15
<i>Helicobacter bilis</i>	PCR	0/15	0/15	0/15	0/15
<i>Helicobacter</i> spp.	PCR	0/15	0/15	0/15	0/15
<i>Streptobacillus moniliformis</i>	PCR	0/15	0/15	0/15	0/15
<i>Mycoplasma pulmonis</i>	PCR	0/15	0/15	0/15	0/15
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	PCR/MFLA	0/15	0/15	0/15	0/15
<i>CAR bacillus</i> <sup>1</sup>	Lesions/MFLA	0/15	0/15	0/15	0/15
<b>PARASITES AND FUNGI</b>					
Parasites	Direct Examination	0/15	0/15	0/15	0/15
Pinworms	Direct Examination	0/15	0/15	0/15	0/15
Gastrointestinal protozoa	Direct Examination	0/8	0/8	0/15	0/15
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15
<i>Pneumocystis</i> spp. <sup>3</sup>	IFA	0/15	0/15	0/15	0/15

Animals were shipped to Charles River Laboratories on December 15, 2010.

Tested by Charles River Research Animal Diagnostic Services

- Remarks: 1: Serology on immunocompetent animals from each colony
- 2: Not tested strains or stocks; monitoring on parents or other strains in the area
- 3: Not included in the Specific Pathogen Free (SPF) lists



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Quality Assurance Director

**RADS HEALTH MONITORING REPORT (December 2010)**

Printed date: January 28, 2011  
Location: Tsukuba Breeding Center

Agents	Area		Technique	Test period		
	Strains & Stocks	Test period		T212	T222	T233
<b>VIRUSES</b>						
Sendai Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Pneumonia Virus of Mice <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Hepatitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Minute Virus of Mice <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Murine Norovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Theiler's Murine Encephalomyelitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Reovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Ectromelia Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Cytomegalovirus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Pneumonitis Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Polyoma Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Hantaan Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
Mouse Typhic Virus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
<b>BACTERIA</b>						
<i>Bordetella bronchiseptica</i>	Culture	0/15	0/15	0/15	0/15	0/15
<i>Citrobacter rodentium</i>	Culture	0/15	0/15	0/15	0/15	0/15
<i>Corynebacterium kutscheri</i>	Culture	0/15	0/15	0/15	0/15	0/15
<i>Pasteurella pneumotropica</i>	Culture	0/15	0/15	0/15	0/15	0/15
<i>Pseudomonas aeruginosa</i> <sup>2</sup>	Culture	-	-	-	-	-
<i>Salmonella</i> spp.	PCR	0/15	0/15	0/15	0/15	0/15
<i>Streptococcus pneumoniae</i>	Culture	0/15	0/15	0/15	0/15	0/15
<i>Staphylococcus aureus</i> <sup>2</sup>	Culture	-	-	-	-	-
$\beta$ - Hemolytic <i>Streptococcus</i> spp. <sup>2</sup>	Culture	-	-	-	-	-
<i>Helicobacter hepaticus</i>	PCR	0/15	0/15	0/15	0/15	0/15
<i>Helicobacter bilis</i>	PCR	0/15	0/15	0/15	0/15	0/15
<i>Helicobacter</i> spp.	PCR	0/15	0/15	0/15	0/15	0/15
<i>Streptobacillus moniliformis</i>	PCR	0/15	0/15	0/15	0/15	0/15
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFLA	0/15	0/15	0/15	0/15	0/15
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	PCR/MFLA	0/15	0/15	0/15	0/15	0/15
CAR bacillus <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15
<b>PARASITES AND FUNGI</b>						
Ectoparasites	Direct Examination	0/15	0/15	0/15	0/15	0/15
Pinworms	Direct Examination	0/15	0/15	0/15	0/15	0/15
Gastrointestinal protozoa	Direct Examination	0/8	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup>	MFLA	0/15	0/15	0/15	0/15	0/15

Tested by Charles River Research Animal Diagnostic Services

Animals were shipped to Charles River Laboratories on December 15, 2010.

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 nu/+ mice  
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