

## RADS HEALTH MONITORING REPORT (May 2011)

 Printed date: June 28, 2011  
 Location: Yokohama Breeding Center

Species: MICE	Agents	Area		Isolator	Isolator	Isolator	Isolator
		Strains & Stocks	Test period				
	Technique		May 18 - June 17	May 18 - June 13	May 18 - June 10		
<b>VIRUSES</b>							
Sendai Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Pneumonia Virus of Mice <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Hepatitis Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Minute Virus of Mice <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Parvovirus (1 or 2) <sup>1</sup>	MFLA		0/32		0/14		0/10
Murine Norovirus <sup>1</sup>	MFLA		0/32		0/14		0/10
Theller's Murine Encephalomyelitis Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Reovirus <sup>1</sup>	MFLA		0/32		0/14		0/10
Eptizootic Diarrhea of Infant Mice Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Lymphocytic Choriomeningitis Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Ectromelia Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Adenovirus (1 or 2) <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Cytomegalovirus <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Pneumonitis Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Polyoma Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Hantaan Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
Mouse Thyvnic Virus <sup>1</sup>	MFLA		0/32		0/14		0/10
<b>BACTERIA</b>							
<i>Bordetella bronchiseptica</i>	Culture		0/48		0/21		0/15
<i>Chromobacterium rodentium</i>	Culture		0/48		0/21		0/15
<i>Corynebacterium kayscheri</i>	Culture		0/48		0/21		0/15
<i>Pasteurella pneumotropica</i>	Culture		0/48		0/21		0/15
<i>Pseudomonas aeruginosa</i>	Culture		0/48		0/21		0/15
<i>Salmonella</i> spp.	Culture		0/48		0/21		0/15
<i>Streptococcus pneumoniae</i>	Culture		0/48		0/21		0/15
<i>Staphylococcus aureus</i>	Culture		0/48		0/21		0/15
β - Hemolytic <i>Streptococcus</i> spp.	Culture		0/48		0/21		0/15
<i>Helicobacter bilis</i>	PCR		0/48		0/21		0/15
<i>Helicobacter</i> spp.	PCR		0/48		0/21		0/15
<i>Streptobacillus moniliformis</i>	PCR		0/48		0/21		0/15
<i>Mycoplasma pulmonis</i> <sup>1</sup>	PCR/MFLA		0/48		0/21		0/15
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	PCR/MFLA		0/48		0/21		0/15
<i>CAR bacillus</i> <sup>1</sup>	MFLA		0/32		0/14		0/10
<b>PARASITES AND FUNGI</b>							
Ectoparasites	Direct Examination		0/48		0/21		0/15
Pinworms	Direct Examination		0/48		0/21		0/15
Gastrointestinal protozoa	Direct Examination		0/48		0/21		0/15
<i>Enecephalitozoon cuniculi</i> <sup>1</sup>	MFLA		0/32		0/14		0/10
<i>Pneumocystis</i> spp.	PCR		0/16		0/7		0/5

Testing frequency: Isolator-maintained animals are tested annually by Charles River Laboratories.  
 Animals were shipped to Charles River Laboratories on May 17, 2011.

Remarks: <sup>1</sup>: 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



Tested by Charles River Research Animal Diagnostic Services

  
 Eriichi Morinaka, D.V.M.  
 Quality Assurance Director

Species: MICE

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Atsugi Breeding Center

Agents	Area	A12	A13	A14	A23	A24
	Strains & Stocks	CAAn/Cg-Foxn1 <sup>tm</sup> /ChCrlj <sup>4</sup> Crlj:CD1-Foxn1 <sup>tm</sup> 4	C57BL/6NChCrlj DBA/2NChCrlj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/Crlj <sup>2</sup>	JAX <sup>®</sup> Mice Strain SJL/J Crlj:CD1(CR) NC/NgaTndCrlj	BALB/cAnNCrlj DBA/2NChCrlj CD2F1/Crlj <sup>3</sup>	CAAn/Cg-Foxn1 <sup>tm</sup> /ChCrlj <sup>4</sup>
VIRUSES	Test period	June 13 - 22	June 10 - 22	June 16 - 22	June 10 - 22	June 13 - 22
	Technique					
Sendai Virus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Minute Virus of Mice <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Murine Norovirus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Reovirus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MEFA	0/8	0/16	0/16	0/16	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Cyromegalovirus <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Polyoma Virus <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Hantaan Virus <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MEFA	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
<i>Chromobacter rodentium</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16
<i>Corynebacterium kutscheri</i> (m)	Culture	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
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	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
<i>Streptococcus pneumoniae</i> (m)	Culture	0/16	0/16	0/16	0/16	0/16
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/16	0/16	0/16	0/16	0/16
<i>Helicobacter hepaticus</i> (q)	PCR	0/16	0/16	0/16	0/16	0/16
<i>Helicobacter bilis</i> (q)	PCR	0/16	0/16	0/16	0/16	0/16
<i>Helicobacter spp.</i> (q)	PCR	0/16	0/16	0/16	0/16	0/16
<i>Streptobacillus moniliformis</i> (q)	PCR	0/16	0/16	0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFA	0/16	0/16	0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	0/24	0/24	0/16	0/16	0/24
<i>CAR bacillus</i> <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
<b>PARASITES AND FUNGI</b>						
Endoparasites (m)	Direct Examination	0/16	0/16	0/16	0/16	0/16
Pinworms (m)	Direct Examination	0/24	0/24	0/24	0/24	0/24
Gastrointestinal protozoa (m)	Direct Examination	0/16	0/16	0/16	0/16	0/16
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MEFA	0/8	0/16	0/16	0/16	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	0/8	0/16	0/16	0/16	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 conducted 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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日本チャールズリバー株式会社  
代表取締役社長 小林 功



Quality Assurance Director  
Eiichi Morimura, Ph.D. M.M.

Species: RATS

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Atsugi Breeding Center

Agents	Area		A15 F344/DuCrI-Crj Crj:W1	A21 ZDF-Lep <sup>ph</sup> /CrjCrj Crj:ZUC-Lep <sup>ph</sup>	A22 Crj:CD(SD)
	Strains & Stocks	Test period			
	Technique				
<b>VIRUSES</b> Sendai Virus <sup>1</sup> (m) Pneumonia Virus of Mice <sup>1</sup> (m) Sendai Virus <sup>1</sup> (m) Stomatocystid Virus <sup>1</sup> (m) Rat Minute Virus <sup>1</sup> (m) Rat Parvovirus <sup>1</sup> (m) Toxigenic H-1 Virus <sup>1</sup> (m) Kilham Rat Virus <sup>1</sup> (m) Reovirus <sup>1</sup> (m) Rat Theilovirus <sup>1</sup> (m) Lymphocytic Choriomeningitis Virus <sup>1</sup> (q) Mouse Adenovirus (1 or 2) <sup>1</sup> (q) Hantaan Virus <sup>1</sup> (q)	MFLA	June 6 - 16	0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
<b>BACTERIA</b> <i>Bordetella bronchiseptica</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>Helicobacter hepaticus</i> (q) <i>Helicobacter bilis</i> (q) <i>Helicobacter</i> spp. (q) <i>Streptobacillus moniliformis</i> (q) <i>Mycoplasma pulmonis</i> <sup>1</sup> (m) <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m) CAR bacillus <sup>1</sup> (q)	Culture	June 6 - 16	0/16	0/16	0/16
	Culture		0/16	0/16	0/16
	Culture		0/16	0/16	0/16
	Culture		0/16	0/16	0/16
	Culture		0/16	0/16	0/16
	Culture		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR		0/16	0/16	0/16
	PCR/MFLA		0/16	0/16	0/16
	Lesions/MFLA		0/24	0/24	0/24
	MFLA		0/16	0/16	0/16
<b>PARASITES AND FUNGI</b> Ectoparasites (m) Pinworms (m) Gastrointestinal protozoa (m) <i>Encephalitozoon cuniculi</i> <sup>1</sup> (q) <i>Pneumocystis</i> spp. <sup>3</sup> (q)	Direct Examination	June 6 - 16	0/16	0/16	0/16
	Direct Examination		0/24	0/24	0/24
	Direct Examination		0/16	0/16	0/16
	MFLA		0/16	0/16	0/16
	Histopathology		0/4	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 included in the Specific Pathogen Free (SPF) lists



日本チャールズ・リバー株式会社  
代表取締役社長 小林 功



Eiichi Morimura, D.V.M.  
Quality Assurance Director

Species: MICE

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Himo Breeding Center

Agents	Area		
	Strains & Stocks	Test period	
<b>VIRUSES</b> Sendai Virus <sup>1</sup> (m) Pneumonia Virus of Mice <sup>1</sup> (m) Mouse Hepatitis Virus <sup>1</sup> (m) Mimic 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) Lymphocytic Choriomeningitis Virus <sup>1</sup> (q) Ectromelia Virus <sup>1</sup> (q) Mouse Adenovirus (1 or 2) <sup>1</sup> (q) Mouse Cytomegalovirus <sup>1</sup> (q) Mouse Pneumonitis Virus <sup>1</sup> (q) Polyoma Virus <sup>1</sup> (q) Hantaan Virus <sup>1</sup> (q) Mouse Thymlc Virus <sup>1</sup> (q)	H12 Crlj:CD1(ICR) C57BL/6N:Crlj C3H/HeNCrlj B6C3F1/Crlj <sup>3</sup>	H23 BALB/cANNCrlj DBA/1JNCrlj	
	0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16	June 17 - 22	June 17 - 22
	<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>Helicobacter hepaticus</i> (q) <i>Helicobacter bilis</i> (q) <i>Helicobacter</i> spp. (q) <i>Streptobacillus moniliformis</i> (q) <i>Mycoplasma pulmonis</i> <sup>1</sup> (m) <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m) CAR bacillus <sup>1</sup> (q)	Culture Culture Culture Culture Culture Culture Culture PCR PCR PCR PCR/MFLA MFLA	0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 0/16 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) <i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	Direct Examination Direct Examination Direct Examination MFLA	0/16 0/24 0/16 0/16

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



リバー株式会社  
代表取締役社長 小林 功



Enichi Morimura, D.V.M.  
Quality Assurance Director

Species: RATS

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Hino Breeding Center

Agents	Area	H11	H13	H21
	Strains & Stocks	Ch:CD(SD) Ch:W(Han) SHR/NC/Chj WKY/NC/Chj	LEW/Ch/Chj BN/Ch/Chj	Ch:CD(SD)
	Test period	June 8 - 16	June 9 - 16	June 8 - 16
	Technique			
<b>VIROUSES</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
Stalodacyoadentis 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
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFLA	0/16	0/16	0/16
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFLA	0/16	0/16	0/16
Hantaan Virus <sup>1</sup> (q)	MFLA	0/16	0/16	0/16
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/16	0/16	0/16
<i>Corynebacterium kayscheri</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>Helicobacter hepaticus</i> (q)	PCR	0/16	0/16	0/16
<i>Helicobacter bilis</i> (q)	PCR	0/16	0/16	0/16
<i>Helicobacter</i> spp. (q)	PCR	0/16	0/16	0/16
<i>Streptobacillus moniliformis</i> (q)	PCR	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)	PCR/MFLA	0/24	0/24	0/24
<i>CAR bacillus</i> <sup>1</sup> (q)	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	0/24	0/24	0/24
Gastrointestinal protozoa (m)	Direct Examination	0/16	0/16	0/16
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFLA	0/16	0/16	0/16
<i>Pneumocystis</i> spp. <sup>3</sup> (q)	Histopathology	0/4	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 included in the Specific Pathogen Free (SPF) lists



日本チャールズリバー株式会社  
代表取締役社長 小林 功



Eiichi Morimura, D.V.M.  
Quality Assurance Director

Species: MICE

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Tsukuba Breeding Center

Agents	Area			
	T12	T22	T23	
VIRUSES	Strains & Stocks	JAX <sup>®</sup> Mice Strain C57BL/6J	JAX <sup>®</sup> Mice Strain B6.V-Lep <sup>db</sup> /J JAX <sup>®</sup> Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>db</sup> /J	CAN/Cg-Foxn1 <sup>tm</sup> /ChCrlj <sup>3</sup>
	Test period	June 15 - 22	June 15 - 22	June 16 - 22
Technique				
Sendai Virus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Minute Virus of Mice <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Murine Norovirus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Reovirus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MPIA	0/16	0/16	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Ectromelia Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Mouse Cytomegalovirus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Mouse Pneumonitis Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Polyoma Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Hantaan Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
Mouse Thymic Virus <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/16	0/16	0/16
<i>Citrobacter rodentium</i> (m)	Culture	0/16	0/16	0/16
<i>Corynebacterium kalscheri</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>Salmoneella</i> spp. (m)	Culture	0/16	0/16	0/16
<i>Streptococcus pneumoniae</i> (m)	Culture	-	-	0/16
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	PCR	0/16	0/16	0/16
<i>Helicobacter hepaticus</i> (g)	PCR	0/16	0/16	0/16
<i>Helicobacter bilis</i> (g)	PCR	0/16	0/16	0/16
<i>Helicobacter</i> spp. (g)	PCR	0/16	0/16	0/16
<i>Streptobacillus moniliformis</i> (g)	PCR	0/16	0/16	0/16
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MPIA	0/16	0/16	0/16
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	PCR/MPIA	0/24	0/24	0/24
<i>CAR bacillus</i> <sup>1</sup> (g)	Lesions/MPIA	0/16	0/16	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/16	0/16	0/16
Pinworms (m)	Direct Examination	0/24	0/24	0/24
Gastrointestinal protozoa (m)	Direct Examination	0/16	0/16	0/16
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (g)	MPIA	0/16	0/16	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (g)	PCR	-	-	0/8

Monitoring frequency: (m) monthly, (g) quarterly

Remarks : 1: Serology on immunocompetent animals from each colony

2: Not considered as specific pathogens for immunocompetent strains

3: Monitoring on both *m/niv* and *m/+* mice

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代表取締役社長 小林 功



Tested by Charles River Laboratories Japan, Inc.

Eitichi Morimura, D.V.M.  
Quality Assurance Director

Species: RATS

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Tsukuba Breeding Center

Agents	Area		T21
	Strains & Stocks	T11	
	Technique	Test period	
<b>VIRUSES</b> Sendai Virus <sup>1</sup> (m) Pneumonia Virus of Mice <sup>1</sup> (m) Sendai Virus <sup>1</sup> (m) Rat Minute Virus <sup>1</sup> (m) Rat Parvovirus <sup>1</sup> (m) Toobar's H-1 Virus <sup>1</sup> (m) Kilham Rat Virus <sup>1</sup> (m) Reovirus <sup>1</sup> (m) Rat Theilovirus <sup>1</sup> (m) Lymphocytic Choriomeningitis Virus <sup>1</sup> (q) Mouse Adenovirus (1 or 2) <sup>1</sup> (q) Hantaan Virus <sup>1</sup> (q)	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
	MFLA	0/16	0/16
<b>BACTERIA</b> <i>Bordetella bronchiseptica</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>Helicobacter hepaticus</i> (q) <i>Helicobacter bilis</i> (q) <i>Helicobacter</i> spp. (q) <i>Streptobacillus moniliformis</i> (q) <i>Mycoplasma pulmonis</i> <sup>1</sup> (m) <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m) CAR bacillus <sup>1</sup> (q)	Culture	0/16	0/16
	Culture	0/16	0/16
	Culture	0/16	0/16
	Culture	0/16	0/16
	Culture	0/16	0/16
	Culture	0/16	0/16
	PCR	0/16	0/16
	PCR	0/16	0/16
	PCR	0/16	0/16
	PCR	0/16	0/16
	PCR	0/16	0/16
	PCR/MFLA	0/16	0/16
	Lesions/MFLA	0/24	0/24
	MFLA	0/16	0/16
	MFLA	0/16	0/16
<b>PARASITES AND FUNGI</b> Ectoparasites (m) Pinworms (m) Gastrointestinal protozoa (m) <i>Encephalitozoon cuniculi</i> <sup>1</sup> (q) <i>Pneumocystis</i> spp. <sup>3</sup> (q)	Direct Examination	0/16	0/16
	Direct Examination	0/24	0/24
	Direct Examination	0/16	0/16
	MFLA	0/16	0/16
	Histopathology	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 included in the Specific Pathogen Free (SPF) lists



リバー株式会社  
代表取締役社長 小林 功



*Michio Morimura*  
Eiichi Morimura, D.V.M.  
Quality Assurance Director

Species: MICE

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011  
Location: Yokohama Breeding Center

Agents	Area		Isolator	Isolator	Isolator
	Strains & Stocks	Test period	CB17/lec-Prkdc <sup>scid</sup> /ChChJ C3H/HeNChChJ (Sentinels)	JAX <sup>®</sup> Mice Strain MOD.CB17-Prkdc <sup>scid</sup> /J C57BL/6NChChJ (Sentinels) C3H/HeNChChJ (Sentinels)	CgJ:SHO-Prkdc <sup>scid</sup> /H <sup>h</sup> C3H/HeNChChJ (Sentinels)
<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>	Technique	0/11	0/8	0/5	
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
		MEFA	0/11	0/8	0/5
<b>BACTERIA</b> <i>Bordetella bronchiseptica</i> <i>Citrobacter rodentium</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella pneumotropica</i> <i>Pseudomonas aeruginosa</i> <i>Salmoneella</i> spp. <i>Staphylococcus aureus</i> <i>Streptococcus pneumoniae</i> <i>Mycoplasma pulmonis</i> <sup>1</sup> <i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup>	Culture	0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/33	0/24	0/15	
<b>PARASITES AND FUNGI</b> Ectoparasites Pinworms Gastrointestinal protozoa <i>Pneumocystis</i> spp.	Direct Examination Direct Examination Direct Examination PCR	0/33	0/24	0/15	
		0/33	0/24	0/15	
		0/22	0/16	0/10	
		0/11	0/8	0/5	
		0/33	0/24	0/15	

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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代表取締役社長 小林 功



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



Species: MICE (Fecal Sample)

HEALTH MONITORING REPORT (June 2011)

Printed date: June 29, 2011

Location: Yokohama Breeding Center

Agents	Area		Isolator	Isolator	Isolator			
	Strains & Stocks	Test period						
<b>BACTERIA</b> <i>Bordetella bronchiseptica</i> <i>Citrobacter rodentium</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i>	Technique  Culture Culture Culture Culture Culture	June 20 - 27	CBI/7Ier- <i>Prkdc<sup>scid</sup></i> /CtChj C3H/HenCtChj (Sentinels)	June 20 - 27	JAX <sup>®</sup> Mice Strain NOD.CB17- <i>Prkdc<sup>scid</sup></i> /J C57BL/6N-CtChj (Sentinels) C3H/HenChCtChj (Sentinels)			
						0/50	0/26	Ctj;SHO- <i>Prkdc<sup>scid</sup></i> <i>H<sup>u</sup></i> C3H/HenCfCtChj (Sentinels)
						0/50	0/26	
						0/50	0/26	
						0/50	0/26	
0/50	0/26							

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

Tested by Charles River Laboratories Japan, Inc.

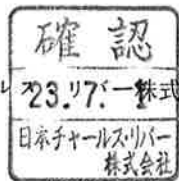
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 代表取締役社長 小林 功



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



日本チャールスリバー株式会社

受領日

06.06.2011

# 分析報告書

サンプルコード: 257-2011-06000022      分析      06.06.2011 - 22.06.2011  
 検体名:      ホワイトフレーク

分析	結果	単位	定量限界
<b>J8312</b> ヒ素 (As として) ヒ素	<0.10	ppm	0.10
<b>J8308</b> カドミウム カドミウム	0.05	ppm	0.01
<b>J8306</b> 鉛 鉛	<0.05	ppm	0.05
<b>JCHG2</b> 総水銀 総水銀	<0.005	ppm	0.005
<b>J3004</b> アフラトキシン B1, B2, G1, G2 アフラトキシン B1	<0.1	ppb	0.1
アフラトキシン B2	<0.1	ppb	0.1
アフラトキシン G1	<0.1	ppb	0.1
アフラトキシン G2	<0.1	ppb	0.1
<b>UMUP8</b> カビ カビ	< 10	cfu/g	10
<b>UMUDN</b> 一般細菌数 (生菌数) 一般生菌数 (30° C)	< 10	cfu/g	10
<b>UMTK5</b> サルモネラ サルモネラ	陰性	/25 g	
<b>UMULP</b> 大腸菌 大腸菌	陰性	cfu/g	
<b>J3246</b> 乾燥減量 含水量	8.5	%	0.1

報告結果の再生については分析所の許可が必要となります。報告結果は、分析したサンプルのみに適用されます。

Eurofins Analytics K.K Nittsu Keihin-Jima Center New Bldg. 2F 3-5-5 Keihin-Jima Ota-Ku 143-0003 Tokyo - JAPAN


**SP001** ビレスロイドを含む有機塩素系農薬

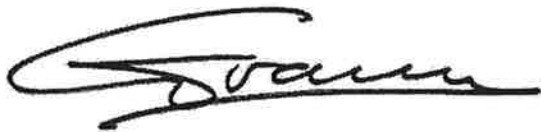
γ-BHC (リンデン)	<0.001	ppm	0.001
DDT 及び代謝物 (総計)	<0.01	ppm	
DDT, p,p'-	<0.001	ppm	0.001
DDT, o,p'-	<0.001	ppm	0.001
DDE, p,p'-	<0.002	ppm	0.002
DDE, o,p'-	<0.002	ppm	0.002
DDD, p,p'-	<0.002	ppm	0.002
DDD, o,p'-	<0.002	ppm	0.002
エンドリン	<0.002	ppm	0.002
ディルドリン	<0.001	ppm	0.001
アルドリン	<0.001	ppm	0.001
ヘプタクロル	<0.001	ppm	0.001

**SP004** 有機リン系農薬

パラチオン	<0.01	ppm	0.01
ダイアジノン	<0.01	ppm	0.01
馬拉チオン (馬拉ソ)	<0.01	ppm	0.01
パラチオンメチル	<0.01	ppm	0.01

**SP103** ポリ塩化 ビフェニル

7 PCB 測定総計	<0.07	ppm	
PCB IUPAC 28	<0.01	ppm	0.01
PCB IUPAC 52	<0.01	ppm	0.01
PCB IUPAC 101	<0.01	ppm	0.01
PCB IUPAC 118	<0.01	ppm	0.01
PCB IUPAC 138	<0.01	ppm	0.01
PCB IUPAC 153	<0.01	ppm	0.01
PCB IUPAC 180	<0.01	ppm	0.01



Colin Granier  
Chemistry Customer Services Manager



日本チャールスリバー株式会社

受領日 06.06.2011

# 分析報告書

サンプルコード: 257-2011-06000021      分析 06.06.2011 – 22.06.2011  
 検体名: ベータチップ

分析	結果	単位	定量限界
<b>J8312</b> ヒ素 (As として) ヒ素	<0.10	ppm	0.10
<b>J8308</b> カドミウム カドミウム	0.13	ppm	0.01
<b>J8306</b> 鉛 鉛	0.08	ppm	0.05
<b>JCHG2</b> 総水銀 総水銀	<0.005	ppm	0.005
<b>J3004</b> アフラトキシン B1, B2, G1, G2 アフラトキシン B1	0.4	ppb	0.1
アフラトキシン B2	<0.1	ppb	0.1
アフラトキシン G1	0.2	ppb	0.1
アフラトキシン G2	<0.1	ppb	0.1
<b>UMUP8</b> カビ カビ	< 10	cfu/g	10
<b>UMUDN</b> 一般細菌数 (生菌数) 一般細菌数 (30° C)	< 10	cfu/g	10
<b>UMTK5</b> サルモネラ サルモネラ	陰性	/25 g	
<b>UMULP</b> 大腸菌 大腸菌	陰性	cfu/g	
<b>J3246</b> 乾燥減量 含水量	8.9	%	0.1

報告結果の再生については分析所の許可が必要となります。報告結果は、分析したサンプルのみに適用されます。

Eurofins Analytics K.K Nittsu Keihin-Jima Center New Bldg. 2F 3-5-5 Keihin-Jima Ota-Ku 143-0003 Tokyo - JAPAN


**SP001** ビレスロイドを含む有機塩素系農薬

γ-BHC (リンデン)	<0.001	ppm	0.001
DDT 及び代謝物 (総計)	<0.01	ppm	
DDT, p,p'-	<0.001	ppm	0.001
DDT, o,p'-	<0.001	ppm	0.001
DDE,p,p'-	<0.002	ppm	0.002
DDE, o,p'-	<0.002	ppm	0.002
DDD, p,p'-	<0.002	ppm	0.002
DDD, o,p'-	<0.002	ppm	0.002
エンドリン	<0.002	ppm	0.002
ディルドリン	<0.001	ppm	0.001
アルドリン	<0.001	ppm	0.001
ヘプタクロル	<0.001	ppm	0.001

**SP004** 有機リン系農薬

パラチオン	<0.01	ppm	0.01
ダイアジノン	<0.01	ppm	0.01
馬拉チオン (馬拉ソン)	<0.01	ppm	0.01
パラチオンメチル	<0.01	ppm	0.01

**SP103** ポリ塩化 ビフェニル

7 PCB 測定総計	<0.07	ppm	
PCB IUPAC 28	<0.01	ppm	0.01
PCB IUPAC 52	<0.01	ppm	0.01
PCB IUPAC 101	<0.01	ppm	0.01
PCB IUPAC 118	<0.01	ppm	0.01
PCB IUPAC 138	<0.01	ppm	0.01
PCB IUPAC 153	<0.01	ppm	0.01
PCB IUPAC 180	<0.01	ppm	0.01



Colin Granier  
Chemistry Customer Services Manager