

HEALTH MONITORING REPORT (May 2012)

Printed date: May 22, 2012  
Location: Atsugi Breeding Center

Species: MICE

Agents	Area		A12	A13	A14	A23	A24	A25
	Strains & Stocks	Test period	CAhN/Cg-foxn1 <sup>pm</sup> /CrIcHj <sup>4</sup> Cfj/CD1-I-Foxn1 <sup>pm</sup> <sup>4</sup>	C57BL/6N/CrIcHj DBA/2N/CrIcHj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/CrIcHj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J Cfj/CD1(ICR) NC/NgaTmdCrIcHj	BALB/cAN/CrIcHj DBA/2N/CrIcHj CD2F1/CrIcHj <sup>3</sup>	CAhN/Cg-foxn1 <sup>pm</sup> /CrIcHj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J
	Technique	May 7 - 15	May 10 - 15	May 7 - 15	May 10 - 15	May 7 - 15	May 7 - 15	May 7 - 15
<b>VIRUSES</b>								
Sendai Virus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MIFA	0/8	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	0/8	0/12	0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Salmonella</i> spp. (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Streptobacillus montiformis</i> (q)	PCR	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MIFA	0/12	0/8	0/8	0/8	0/8	0/12	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MIFA	0/12	0/12	0/12	0/12	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>								
Ectoparasites (m)	Direct Examination	0/12	0/8	0/8	0/8	0/8	0/12	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MIFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	0/4	0/4	0/4	0/4	0/4	0/4	0/4

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

Remarks: 1: Serology on immunocompetent animals from each colony

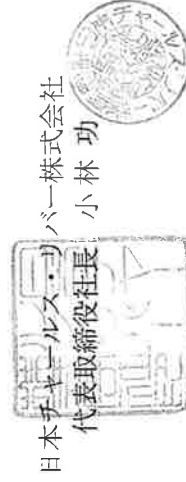
2: Not considered as specific pathogens for immunocompetent strains

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

4: Monitoring on both m/nu and nu/1 mice

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Tested by Charles River Laboratories Japan, Inc.



日本チャールズ・リバー株式会社  
代表取締役社長 小林 功

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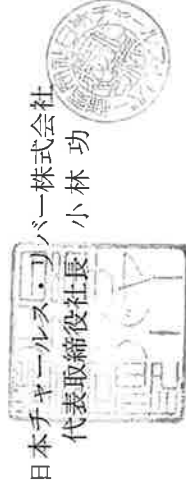
Species: RATS

Agents	Area			A22
	A15	A21	A22	
	F344/DuCrIcrIj	ZDF-Lep <sup>6</sup> /CrIcrIj CrIj:ZUC-Lep <sup>6</sup>	CrI:CD(SD)	
	May 10 - 15	May 10 - 15	May 10 - 15	
	Strains & Stocks			
	Technique			
<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
Sialodacryadenitis Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Kilham Rat 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
Rat Theilovirus <sup>1</sup> (m)	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	0/8	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	0/8	0/8	0/8	0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	0/8	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	0/8	0/8	0/8	0/8
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	0/8	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	0/8	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	0/8	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	0/8	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	0/8	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	0/8	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	0/8	0/8	0/8	0/8
<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)	0/12	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	0/8	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	0/8	0/8	0/8	0/8
Pinworms (m)	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	0/8	0/8	0/8	0/8

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

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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

## HEALTH MONITORING REPORT (May 2012)

Species: MICE

Agents	Area	
	Strains & Stocks	H12 Crlj:CD1 (ICR) C57BL/6NCrljCrlj C3H/HeNCrljCrlj B6C3F1/Crlj <sup>3</sup>
		H23 BALB/cAnNCrljCrlj DBA/1JNCrlj
	Test period	May 8 - 15
	Technique	May 8 - 15
<b>VIRUSES</b>		
Sendai Virus <sup>1</sup> (m)	MFIA	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFIA	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFIA	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFIA	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFIA	0/8
Murine Norovirus <sup>1</sup> (m)	MFIA	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFIA	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFIA	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8
Ectromelia Virus <sup>1</sup> (q)	MFIA	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFIA	0/8
Mouse Pneumonia Virus <sup>1</sup> (q)	MFIA	0/8
Polyoma Virus <sup>1</sup> (q)	MFIA	0/8
Hantaan Virus <sup>1</sup> (q)	MFIA	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFIA	0/8
<b>BACTERIA</b>		
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8
<i>Citrobacter rodentium</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>Helicobacter hepaticus</i> (q)	PCR	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8
<b>PARASITES AND FUNGI</b>		
Ectoparasites (m)	Direct Examination	0/8
Pinworms (m)	Direct Examination	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	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



HEALTH MONITORING REPORT (May 2012)

Species: RATS

Agents	Area Strains & Stocks	H11			H13			H21		
		CrI:WJ(Han) SHR/NCrCrIj WKY/NCrCrIj	CrI:WJ(Han) SHR/NCrCrIj WKY/NCrCrIj	CrI:WJ(Han) SHR/NCrCrIj WKY/NCrCrIj	LEW/CrI:CrIj BN/CrI:CrIj	LEW/CrI:CrIj BN/CrI:CrIj	LEW/CrI:CrIj BN/CrI:CrIj	CrI:CD(SD)	CrI:CD(SD)	CrI:CD(SD)
Test period Technique		May 8 - 15			May 8 - 15			May 8 - 15		
<b>VIRUSES</b>										
Sendai Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	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	0/8	0/8	0/8	0/8	0/8
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8	0/8	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	0/8	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	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	0/8	0/8	0/8	0/8	0/8
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	PCR/MFA	0/12	0/12	0/12	0/12	0/12	0/12	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8	0/8	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	0/8	0/8	0/8	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12	0/12	0/12	0/12	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Encyphalitozoon cuniculi</i> <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFA	0/8	0/8	0/8	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 included in the Specific Pathogen Free (SPF) lists



## HEALTH MONITORING REPORT (May 2012)

 Printed date: May 22, 2012  
 Location: Tsukuba Breeding Center

Species: MICE

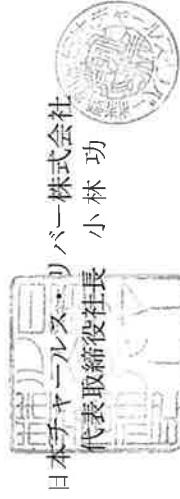
Agents	Area		T22	T23
	Strains & Stocks	T12		
Test period		May 9 - 15		
Technique				
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFA	JAX <sup>®</sup> Mice Strain C57BL/6J	JAX <sup>®</sup> Mice Strain B6.V-Lep <sup>ob</sup> /J	CAnN.Cg-Foxn1 <sup>tm</sup> /CrIChJ <sup>3</sup>
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA			
Mouse Hepatitis Virus <sup>1</sup> (m)	MFA			
Minute Virus of Mice <sup>1</sup> (m)	MFA			
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFA			
Murine Norovirus <sup>1</sup> (m)	MFA			
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFA			
Reovirus <sup>1</sup> (m)	MFA			
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFA			
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFA			
Ectromelia Virus <sup>1</sup> (q)	MFA			
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFA			
Mouse Cytomegalovirus <sup>1</sup> (q)	MFA			
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFA			
Polyoma Virus <sup>1</sup> (q)	MFA			
Hantaan Virus <sup>1</sup> (q)	MFA			
Mouse Thymic Virus <sup>1</sup> (q)	MFA			
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture			
<i>Citrobacter rodentium</i> (m)	Culture			
<i>Corynebacterium kutscheri</i> (m)	Culture			
<i>Pasteurella pneumotropa</i> (m)	Culture			
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture			
<i>Salmonella</i> spp. (m)	Culture			
<i>Streptococcus pneumoniae</i> (m)	Culture			
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture			
<i>Helicobacter hepaticus</i> (q)	PCR			
<i>Helicobacter bilis</i> (q)	PCR			
<i>Helicobacter</i> spp. (q)	PCR			
<i>Streptobacillus moniliformis</i> (q)	PCR			
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFA			
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA			
<b>CAR bacillus</b> <sup>1</sup> (q)	MFA			
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination			
Pinworms (m)	Direct Examination			
Gastrointestinal protozoa (m)	Direct Examination			
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFA			
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR			

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: Monitoring on both *nu/nu* and *nu/+* mice

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HEALTH MONITORING REPORT (May 2012)

Species: RATS

Agents	Area Strains & Stocks	T11		T21	
		Test period Technique	Crj:W1		
<b>VIRUSES</b> Sendai Virus <sup>1</sup> (m) Pneumonia Virus of Mice <sup>1</sup> (m) Sialodacryoadenitis Virus <sup>1</sup> (m) Rat Minute Virus <sup>1</sup> (m) Rat Parvovirus <sup>1</sup> (m) Toolan'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)	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	MFIA	0/8	0/8	0/8	
	<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	0/8	0/8	0/8
Culture		0/8	0/8	0/8	
Culture		0/8	0/8	0/8	
Culture		0/8	0/8	0/8	
Culture		0/8	0/8	0/8	
Culture		0/8	0/8	0/8	
PCR		0/8	0/8	0/8	
PCR		0/8	0/8	0/8	
PCR		0/8	0/8	0/8	
PCR/MFIA		0/8	0/8	0/8	
Lesions/MFIA		0/12	0/12	0/12	
MFIA		0/8	0/8	0/8	
<b>PARASITES AND FUNGI</b> Ectoparasites (m) Pinworms (m) Gastrointestinal protozoa (m) <i>Encaphalitozoon cuniculi</i> <sup>1</sup> (q) <i>Pneumocystis</i> spp. <sup>1,3</sup> (m)		Direct Examination	0/8	0/8	0/8
		Direct Examination	0/12	0/12	0/12
		Direct Examination	0/8	0/8	0/8
	MFIA	0/8	0/8	0/8	
	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 (May 2012)

Printed date: May 22, 2012

Location: Yokohama Breeding Center

Species: MICE

Agents	Area		Isolator	Isolator	Isolator
	Strains & Stocks	Test period			
			CB17/1cr-Prkdc <sup>scid</sup> /Cr1Cr1j C3H/HeNCr1Cr1j (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>scid</sup> /J C3H/HeNCr1Cr1j (Sentinels)	Crj;SHO-Prkdc <sup>scid</sup> H <sup>hr</sup> C3H/HeNCr1Cr1j (Sentinels)
			May 15 - 18	May 14 - 18	May 14 - 18
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Pneumonia Virus of Mice <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Hepatitis Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Minute Virus of Mice <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Murine Norovirus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Reovirus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Ectromelia Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Cytomegalovirus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Polyoma Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Hantaan Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
Mouse Thymlc Virus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (q)	Culture	0/51		0/21	0/9
<i>Citrobacter rodentium</i> (q)	Culture	0/34		0/14	0/6
<i>Corynebacterium kutscheri</i> (q)	Culture	0/51		0/21	0/9
<i>Pasteurella pneumotropica</i> (q)	Culture	0/51		0/21	0/9
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/51		0/21	0/9
<i>Salmonella</i> spp. (q)	Culture	0/51		0/21	0/9
<i>Staphylococcus aureus</i> (q)	Culture	0/51		0/21	0/9
<i>Streptococcus pneumoniae</i> (q)	Culture	0/51		0/21	0/9
β - Hemolytic <i>Streptococcus</i> spp. (q)	Culture	0/51		0/21	0/9
<i>Helicobacter hepaticus</i> (q)	Culture	0/51		0/21	0/9
<i>Helicobacter bilis</i> (q)	PCR	0/51		0/21	0/9
<i>Helicobacter</i> spp. (q)	PCR	0/51		0/21	0/9
<i>Streptobacillus moniliformis</i> (q)	PCR	0/51		0/21	0/9
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	PCR/MFA	0/51		0/21	0/9
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Lesions/MFA	0/51		0/21	0/9
CAR bacillus <sup>1</sup> (q)	MFA	0/17		0/7	0/3
<b>PARASITES AND FUNGI</b>					
Ectoparasites (q)	Direct Examination	0/51		0/21	0/9
Pinworms (q)	Direct Examination	0/51		0/21	0/9
Gastrointestinal protozoa (q)	Direct Examination	0/34		0/14	0/6
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFA	0/17		0/7	0/3
<i>Pneumocystis</i> spp. (q)	PCR	0/17		0/7	0/3

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

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 (May 2012)

Species: MICE (Fecal and Water Samples)

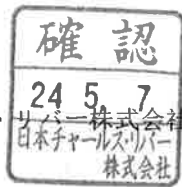
Agents	Area		Isolator	Isolator
	Strains & Stocks	CB17/1cr-Prhdc <sup>scid</sup> /Cr1Cr1j C3H/HeNCr1Cr1j (Sentinels)		
	Test period	May 14 - 18	May 14 - 18	May 14 - 18
	Technique	May 14 - 18	May 14 - 18	May 14 - 18
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i>	Culture	0/31	0/18	0/9
<i>Citrobacter rodentium</i>	Culture	0/31	0/18	0/9
<i>Corynebacterium kutscheri</i>	Culture	0/31	0/18	0/9
<i>Pasteurella pneumotropica</i>	Culture	0/31	0/18	0/9
<i>Pseudomonas aeruginosa</i>	Culture	0/31	0/18	0/9
<i>Salmonella</i> spp.	Culture	0/31	0/18	0/9
<i>Staphylococcus aureus</i>	Culture	0/31	0/18	0/9
<i>Streptococcus pneumoniae</i>	Culture	0/31	0/18	0/9

Tested by Charles River Laboratories Japan, Inc.

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







日本チャールス・スパー株式会社

受領日 03.04.2012

# 分析報告書

サンプルコード: 257-2012-04000010      分析 03.04.2012 - 19.04.2012  
 検体名: ホワイトフレーク

分析	結果	単位	定量限界
<b>J8312 ヒ素 (As として)</b> ヒ素	<0.10	ppm	0.10
<b>J8308 カドミウム</b> カドミウム	0.32	ppm	0.01
<b>J8306 鉛</b> 鉛	0.13	ppm	0.05
<b>JCHG2 総水銀</b> 総水銀	<0.005	ppm	0.005
<b>J3004 アフラトキシン B1, B2, G1, G2</b> 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 酵母およびカビ</b> カビ	< 10	cfu/g	10
<b>UMUDN 一般細菌数 (生菌数)</b> 一般生菌数 (30°C)	< 10	cfu/g	10
<b>UMTK5 サルモネラ</b> サルモネラ	陰性	/25 g	
<b>UMULP 大腸菌</b> 大腸菌	陰性	cfu/g	

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。

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**J3246 乾燥減量**

含水量 5.8 % 0.1

**SP001 ピレスロイドを含む有機塩素系農薬**

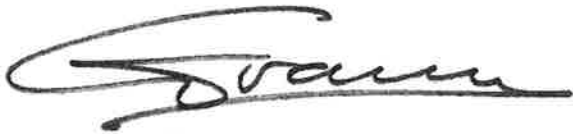
γ-BHC (リンデン)	<0.001	ppm	0.001
DDT 及び代謝物 (総計)	<0.01	ppm	
DDT, p,p'-	<0.001	ppm	0.001
DDT, o,p'-	<0.001	ppm	0.001
DDE, p,p'-	<0.002	ppm	0.002
DDE, o,p'-	<0.002	ppm	0.002
DDD, p,p'-	<0.002	ppm	0.002
DDD, o,p'-	<0.002	ppm	0.002
エンドリン	<0.002	ppm	0.002
ディルドリン	<0.001	ppm	0.001
アルドリン	<0.001	ppm	0.001
ヘプタクロル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

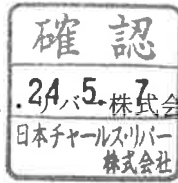
7 PCB 測定総計	<0.07	ppm	
PCB IUPAC 28	<0.01	ppm	0.01
PCB IUPAC 52	<0.01	ppm	0.01
PCB IUPAC 101	<0.01	ppm	0.01
PCB IUPAC 118	<0.01	ppm	0.01
PCB IUPAC 138	<0.01	ppm	0.01
PCB IUPAC 153	<0.01	ppm	0.01
PCB IUPAC 180	<0.01	ppm	0.01



Colin Granier  
Chemistry Customer Services Manager

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。

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日本チャールスリバー株式会社

受領日 03.04.2012

# 分析報告書

サンプルコード: 257-2012-04000009      分析 03.04.2012 - 19.04.2012  
 検体名: ベータチップ

分析	結果	単位	定量限界
<b>J8312 ヒ素 (As として)</b> ヒ素	<0.10	ppm	0.10
<b>J8308 カドミウム</b> カドミウム	0.13	ppm	0.01
<b>J8306 鉛</b> 鉛	0.08	ppm	0.05
<b>JCHG2 総水銀</b> 総水銀	<0.005	ppm	0.005
<b>J3004 アフラトキシン B1, B2, G1, G2</b> 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 酵母およびカビ</b> カビ	< 10	cfu/g	10
<b>UMUDN 一般細菌数 (生菌数)</b> 一般生菌数 (30°C)	700	cfu/g	10
<b>UMTK5 サルモネラ</b> サルモネラ	陰性	/25 g	
<b>UMULP 大腸菌</b> 大腸菌	陰性	cfu/g	

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。

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ページ 1/2


**J3246 乾燥減量**

含水量	6.4 %	0.1
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**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