

HEALTH MONITORING REPORT (August 2012)

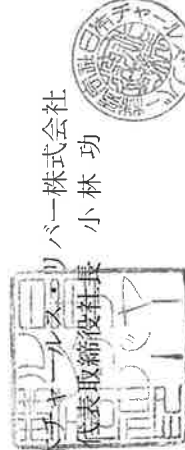
Printed date: August 21, 2012  
Location: Atsugi Breeding Center

Species: MICE

Agents	Area		A12	A13	A14	A23	A24	A25	
	Strains & Stocks	Technique	CAnN Cg-foxn1 <sup>tm</sup> /Ch1Crlj <sup>4</sup> Crlj:CD1-4/axn1 <sup>tm</sup> <sup>4</sup>	C57BL/6NcrlCrlj DBA/2NcrlCrlj JAX <sup>®</sup> Mice Strain CBA/J B6D2F1/Crlj <sup>3</sup>	JAX <sup>®</sup> Mice Strain SJL/J Crlj:CD1(ICR) NC/NgaTmdCrlj	BALB/cAnNCrlCrlj DBA/2NcrlCrlj CD2F1/Crlj <sup>3</sup>	CAnN Cg-foxn1 <sup>tm</sup> /Ch1Crlj <sup>4</sup>	JAX <sup>®</sup> Mice Strain C57BL/6J	
		Test period	August 6 - 16						August 6 - 16
		Technique	August 9 - 16						August 6 - 16
<b>VIRUSES</b>									
Sendai Virus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Pneumonia Virus of Mice <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Hepatitis Virus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Minute Virus of Mice <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Parvovirus <sup>1(or 2)<sup>1(m)</sup></sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Murine Norovirus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Theiler's Murine Encephalomyelitis Virus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Reovirus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Epizootic Diarrhea of Infant Mice Virus <sup>1(m)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Lymphocytic Choriomeningitis Virus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Ectromelia Virus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Adenovirus <sup>1(or 2)<sup>1(q)</sup></sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Cytomegalovirus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Pneumonia Virus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Polyoma Virus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Hantaan Virus <sup>1(q)</sup>	MFA	0/8	0/8	0/8	0/8	0/8	0/8	0/8	
Mouse Thymic Virus <sup>1(q)</sup>	MFA	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 moniliformis</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/MFA	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/MFA	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	
<b>PARASITES AND FUNGI</b>									
Ectoparasites (m)	Direct Examination	0/12	0/8	0/8	0/8	0/8	0/12	0/8	
Pinnworms (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)	MFA	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	

Tested by Charles River Laboratories Japan, Inc.

Monitoring frequency: (m) monthly, (q) quarterly  
Remarks: 1: Serology on immunocompetent animals from each colony  
2: Not considered as specific pathogens for immunocompetent strains  
3: Not tested strains or stocks; monitoring on parents or other strains in the area  
4: Monitoring on both *nu nu* and *nu + nu* mice  
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代表取締役社長 小林 功

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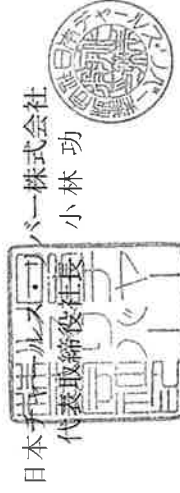
Species: RATS

Agents	Area	A15	A21	A22
	Strains & Stocks	F344/DuCrIcrlj	ZDF-Lep <sup>60</sup> /CrIcrlj Crlj;ZUC-Lep <sup>60</sup>	CrI:CD(SD)
	Test period	August 9 - 16		
	Technique	August 9 - 16		
<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
Sialodacryoadenitis Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Toolan's H-1 Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFIA	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	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>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFIA	0/8	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFIA	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8	0/8	0/8
Pintworms (m)	Direct Examination	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFIA	0/8	0/8	0/8
<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



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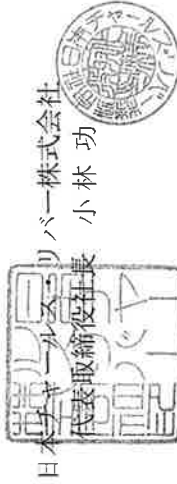
**HEALTH MONITORING REPORT (August 2012)**

Species: MICE

Agents	Area	H12		H23
		Strains & Stocks	Crj;CD1(ICR) C57BL/6NCrjCrj C3H/HeNCrjCrj B6C3F1/Crj <sup>3</sup>	
	Test period	August 7 - 16		August 7 - 16
	Technique			
<b>VIRUSES</b>				
Sendai Virus <sup>1</sup> (m)	MFLA	0/8		0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFLA	0/8		0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFLA	0/8		0/8
Minute Virus of Mice <sup>1</sup> (m)	MFLA	0/8		0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFLA	0/8		0/8
Murine Norovirus <sup>1</sup> (m)	MFLA	0/8		0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFLA	0/8		0/8
Reovirus <sup>1</sup> (m)	MFLA	0/8		0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFLA	0/8		0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFLA	0/8		0/8
Ectromelia Virus <sup>1</sup> (q)	MFLA	0/8		0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (q)	MFLA	0/8		0/8
Mouse Cytomegalovirus <sup>1</sup> (q)	MFLA	0/8		0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFLA	0/8		0/8
Polyoma Virus <sup>1</sup> (q)	MFLA	0/8		0/8
Hantaan Virus <sup>1</sup> (q)	MFLA	0/8		0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFLA	0/8		0/8
<b>BACTERIA</b>				
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8		0/8
<i>Citrobacter rodentium</i> (m)	Culture	0/8		0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8		0/8
<i>Pasteurella pneumotopica</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>Helicobacter hepaticus</i> (q)	PCR	0/8		0/8
<i>Helicobacter bilis</i> (q)	PCR	0/8		0/8
<i>Helicobacter</i> spp. (q)	PCR	0/8		0/8
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8		0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFLA	0/8		0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFLA	0/12		0/12
CAR bacillus <sup>1</sup> (q)	MFLA	0/8		0/8
<b>PARASITES AND FUNGI</b>				
Ectoparasites (m)	Direct Examination	0/8		0/8
Pinworms (m)	Direct Examination	0/12		0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8		0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFLA	0/8		0/8

Tested by Charles River Laboratories Japan, Inc.

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

 Remarks : 1: Serology on immunocompetent animals from each colony  
 2: Not considered as specific pathogens for immunocompetent strains  
 3: Not tested strains or stocks; monitoring on parents of other strains in the area

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HEALTH MONITORING REPORT (August 2012)

Species: RATS

Agents	Area	H11			H13			H21		
		Crj/Wj(Han) SHR/NCrCrj WKY/NCrCrj	August 7 - 16		LEW/CrjCrj BN/CrjCrj	August 7 - 16		Crj/CD(SD)	August 7 - 16	
Technique		August 7 - 16								
<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
Stolodactyoadenitis 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)	Lesions/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>Encephalitozoon 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 (August 2012)**

Species: MICE

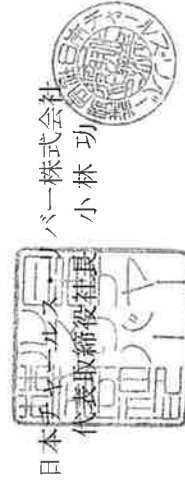
Agents	Area	T12		T23	
		Strains & Stocks	JAX® Mice Strain C57BL/6J JAX® Mice Strain B6.V-Lep <sup>fl/j</sup> JAX® Mice Strain BKS.Cg-Dock7 <sup>m</sup> +/+ Lep <sup>fl/j</sup>	Strains & Stocks	CAnN Cg-Foxn1 <sup>tm</sup> /CrI(Crl) <sup>j</sup> , <sup>3</sup>
	Test period	August 8 - 16		August 8 - 16	
	Technique				
<b>VIRUSES</b>					
Sendai Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Mouse Hepatitis Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Minute Virus of Mice <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Mouse Parvovirus (1 or 2) <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Murine Norovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Reovirus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (m)	MFA	0/8	0/8	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
Ectromelia Virus <sup>1</sup> (q)	MFA	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
Mouse Cytomegalovirus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
Mouse Pneumonitis Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
Polyoma Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
Hantaan Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
Mouse Thymic Virus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
<b>BACTERIA</b>					
<i>Bordetella bronchiseptica</i> (m)	Culture	0/8	0/8	0/12	0/12
<i>Citrobacter rodentium</i> (m)	Culture	0/8	0/8	0/8	0/8
<i>Corynebacterium kutscheri</i> (m)	Culture	0/8	0/8	0/12	0/12
<i>Pasteurella pneumotropica</i> (m)	Culture	0/8	0/8	0/12	0/12
<i>Pseudomonas aeruginosa</i> <sup>2</sup> (m)	Culture	0/8	0/8	0/12	0/12
<i>Salmonella</i> spp. (m)	Culture	0/8	0/8	0/12	0/12
<i>Streptococcus pneumoniae</i> (m)	Culture	0/8	0/8	0/12	0/12
<i>Staphylococcus aureus</i> <sup>2</sup> (m)	Culture	0/8	0/8	0/12	0/12
<i>Helicobacter hepaticus</i> (q)	PCR	0/8	0/8	0/12	0/12
<i>Helicobacter bilis</i> (q)	PCR	0/8	0/8	0/12	0/12
<i>Helicobacter</i> spp. (q)	PCR	0/8	0/8	0/12	0/12
<i>Streptobacillus moniliformis</i> (q)	PCR	0/8	0/8	0/12	0/12
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFA	0/8	0/8	0/12	0/12
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	0/12	0/12	0/12	0/12
CAR bacillus <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
<b>PARASITES AND FUNGI</b>					
Ectoparasites (m)	Direct Examination	0/8	0/8	0/12	0/12
Pinworms (m)	Direct Examination	0/12	0/12	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (q)	MFA	0/8	0/8	0/8	0/8
<i>Pneumocystis</i> spp. <sup>2</sup> (q)	PCR	0/8	0/8	0/4	0/4

Tested by Charles River Laboratories Japan, Inc.

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

 Remarks : 1. Serology on immunocompetent animals from each colony  
 2. Not considered as specific pathogens for immunocompetent strains  
 3. Monitoring on both *nu/nu* and *nu/+* mice

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HEALTH MONITORING REPORT (August 2012)

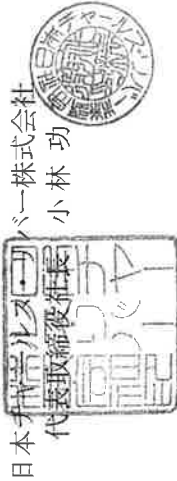
Species: RATS

Agents	Area	T11	T21
	Strains & Stocks	Crj:W1	Crj:CD(SD)
	Test period	August 8 - 16	August 8 - 16
	Technique		
<b>VIRUSES</b>			
Sendai Virus <sup>1</sup> (m)	MFA	0/8	0/8
Pneumonia Virus of Mice <sup>1</sup> (m)	MFA	0/8	0/8
Stomatodacryadenitis Virus <sup>1</sup> (m)	MFA	0/8	0/8
Rat Minute Virus <sup>1</sup> (m)	MFA	0/8	0/8
Rat Parvovirus <sup>1</sup> (m)	MFA	0/8	0/8
Toolan's H-1 Virus (m)	MFA	0/8	0/8
Kilham Rat Virus <sup>1</sup> (m)	MFA	0/8	0/8
Reovirus <sup>1</sup> (m)	MFA	0/8	0/8
Rat Theilovirus <sup>1</sup> (m)	MFA	0/8	0/8
Lymphocytic Choriomeningitis Virus <sup>1</sup> (g)	MFA	0/8	0/8
Mouse Adenovirus (1 or 2) <sup>1</sup> (g)	MFA	0/8	0/8
Hantaan Virus <sup>1</sup> (g)	MFA	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>Helicobacter hepaticus</i> (g)	PCR	0/8	0/8
<i>Helicobacter bilis</i> (g)	PCR	0/8	0/8
<i>Helicobacter</i> spp. (g)	PCR	0/8	0/8
<i>Streptobacillus moniliformis</i> (g)	PCR	0/8	0/8
<i>Mycoplasma pulmonis</i> <sup>1</sup> (m)	PCR/MFA	0/8	0/8
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (m)	Lesions/MFA	0/12	0/12
CAR bacillus <sup>1</sup> (g)	MFA	0/8	0/8
<b>PARASITES AND FUNGI</b>			
Ectoparasites (m)	Direct Examination	0/8	0/8
Pinworms (m)	Direct Examination	0/12	0/12
Gastrointestinal protozoa (m)	Direct Examination	0/8	0/8
<i>Encephalitozoon cuniculi</i> <sup>1</sup> (g)	MFA	0/8	0/8
<i>Pneumocystis</i> spp. <sup>1,3</sup> (m)	MFA	0/8	0/8

Monitoring frequency: (m) monthly, (g) 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 (August 2012)**

 Printed date: August 21, 2012  
 Location: Yokohama Breeding Center

Species: MICE

Agents	Area		Isolator		Isolator	
	Strains & Stocks	Technique	CB17/1cr-Prkdc <sup>em1</sup> /CrJ (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17-Prkdc <sup>em1</sup> /C3H/HeNCrJ (Sentinels)	CrJ:SHO-Prkdc <sup>em1</sup> /HrJ <sup>hr</sup> C3H/HeNCrJ (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.Cg-Prkdc <sup>em1</sup> /129g <sup>mi1</sup> /SzJ C3H/HeNCrJ (Sentinels)
<b>VIRUSES</b>			August 14 - 20	August 13 - 20	August 13 - 20	August 13 - 20
Sendai Virus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Pneumonia Virus of Mice <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Mouse Hepatitis Virus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Minute Virus of Mice <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Mouse Parvovirus (1 or 2) <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Murine Norovirus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Theiler's Murine Encephalomyelitis Virus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Reovirus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
Epizootic Diarrhea of Infant Mice Virus <sup>1</sup> (q)	MFIA	0/16	0/7	0/3	0/4	0/4
<b>BACTERIA</b>						
<i>Bordetella bronchiseptica</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Citrobacter rodentium</i> (q)	Culture	0/32	0/14	0/6	0/8	0/8
<i>Corynebacterium kutscheri</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Pasteurella pneumotropica</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Pseudomonas aeruginosa</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Salmonella</i> spp. (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Staphylococcus aureus</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Streptococcus pneumoniae</i> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<i>Mycoplasma pulmonis</i> <sup>1</sup> (q)	Culture	0/16	0/7	0/3	0/4	0/4
<i>Clostridium piliforme</i> (Tyzzer's Disease) <sup>1</sup> (q)	Culture	0/48	0/21	0/9	0/12	0/12
<b>PARASITES AND FUNGI</b>						
Lesions/MFIA						
Ectoparasites (q)	Direct Examination	0/48	0/21	0/9	0/12	0/12
Pinworms (q)	Direct Examination	0/48	0/21	0/9	0/12	0/12
Gastrointestinal protozoas (q)	Direct Examination	0/32	0/14	0/6	0/8	0/8
<i>Pneumocystis</i> spp. (q)	PCR	0/16	0/7	0/3	0/4	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 (August 2012)

Species: MICE (Fecal and Water Samples)

Agents	Area	Isolator	Isolator	Isolator	
	Strains & Stocks	CB17/Ict-Prhdc <sup>enh</sup> /CrIcrlj C3H/HeNcrlCrlj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.CB17-Prhdc <sup>enh</sup> /J C3H/HeNcrlCrlj (Sentinels)	CrIj;SHO-Prhdc <sup>enh</sup> H <sup>pr</sup> C3H/HeNcrlCrlj (Sentinels)	JAX <sup>®</sup> Mice Strain NOD.Cg-Prhdc <sup>enh</sup> /J2rg <sup>pm1/191</sup> /SzJ C3H/HeNcrlCrlj (Sentinels)
	Test period Technique	August 13 - 16			
<b>BACTERIA</b>		August 13 - 16			
<i>Bordetella bronchiseptica</i>	Culture	0/32	0/18	0/9	0/6
<i>Citrobacter rodentium</i>	Culture	0/32	0/18	0/9	0/6
<i>Corynebacterium kutscheri</i>	Culture	0/32	0/18	0/9	0/6
<i>Pasteurella pneumotropica</i>	Culture	0/32	0/18	0/9	0/6
<i>Pseudomonas aeruginosa</i>	Culture	0/32	0/18	0/9	0/6
<i>Salmonella</i> spp.	Culture	0/32	0/18	0/9	0/6
<i>Staphylococcus aureus</i>	Culture	0/32	0/18	0/9	0/6
<i>Streptococcus pneumoniae</i>	Culture	0/32	0/18	0/9	0/6

Tested by Charles River Laboratories Japan, Inc.

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



日本チャールズリバー株式会社  
代表取締役社長 小林 功





日本チャールズ株式会社

受領日 01.08.2012

# 分析報告書

サンプルコード: 257-2012-08000016      分析 01.08.2012 – 15.08.2012  
 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	0.24	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	60	cfu/g	10
<b>UMUDN 一般細菌数 (生菌数)</b> 一般細菌数 (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	


**J3246 乾燥減量**

含水量 7.4 % 0.1

**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
デイルドリン	<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



日本チャールス

日本チャールス株式会社

受領日 01.08.2012

# 分析報告書

サンプルコード: 257-2012-08000015      分析 01.08.2012 – 15.08.2012  
 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	0.10	ppm	0.01
<b>J8306</b> 鉛			
鉛	0.07	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> 酵母およびカビ			
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	


**J3246 乾燥減量**

含水量	8.3 %	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
デイルドリン	<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



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**受領日** 01.08.2012

## 分析報告書

**サンプルコード:** 257-2012-08000017      **分析** 01.08.2012 – 15.08.2012  
**検体名:** サンプルーク

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	0.03	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> 酵母およびカビ 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	


**J3246 乾燥減量**

含水量 7.0 % 0.1

**SP001 ビレスロイドを含む有機塩素系農薬**

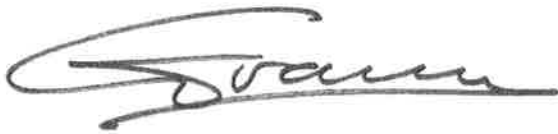
γ-BHC (リンデン)	<0.001	ppm	0.001
DDT 及び代謝物 (総計)	<0.01	ppm	
DDT, p,p'-	<0.001	ppm	0.001
DDT, o,p'-	<0.001	ppm	0.001
DDE,p,p'-	<0.002	ppm	0.002
DDE, o,p'-	<0.002	ppm	0.002
DDD, p,p'-	<0.002	ppm	0.002
DDD, o,p'-	<0.002	ppm	0.002
エンドリン	<0.002	ppm	0.002
デイルドリン	<0.001	ppm	0.001
アルドリン	<0.001	ppm	0.001
ヘプタクロル	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