

2020年8月31日

お客様 各位

生産動物 微生物モニタリング結果報告書

(2020年8月度)

試験責任者：品質保証部
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Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

Charles River Laboratories Yokohama

Location

Atsugi A11 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
PVM ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
MHV ace	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
MVM ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
MPV ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
MNV ace	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
REO ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
EDIM ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
LCMV ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>C. rodentium</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
CAR <i>Bacillus</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>H. bilis</i> ade	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>H. hepaticus</i> ade	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 274
<i>P. pneumotropica</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>P. aeruginosa</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Staph. aureus</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>S. moniliformis</i> ad	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 90
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 278
<i>Pneumocystis</i> sp. ad	PCR	RADS JPN	03-Aug-2020	0 / 5	0 / 40
<i>C. bovis</i> ade	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
Pathology					
Gross Exam df	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 102



Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

Charles River Laboratories Yokohama

Location

Atsugi A11 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 93
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred	Inbred
NU/NU CD1	NU/NU B/C
NU+ CD1	NU+ B/C

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

Charles River Laboratories Yokohama

Location

Atsugi A12 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>H. bilis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>H. hepaticus ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 274
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>P. aeruginosa ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Staph. aureus ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>S. moniliformis ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 90
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 278
<i>Pneumocystis sp. ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 5	0 / 40
<i>C. bovis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 106
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 102



Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

Charles River Laboratories Yokohama

Location

Atsugi A12 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 93
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 118
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
NU/NU B/C
NU+ B/C

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A13 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98
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Parasitology

Mouse SPF/VAF Report
Japan

Charles River Laboratories Yokohama

Location

Atsugi A13 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
C57BL/6J
C57BL/6N

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report Japan

Charles River Laboratories Yokohama

Location

Atsugi A14 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98
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Mouse SPF/VAF Report
Japan

Charles River Laboratories Yokohama

Location

Atsugi A14 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred
CD-1

Inbred
B6 ALBINO
CBA/J
NC/CRJ
SJL

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report Japan

Charles River Laboratories Yokohama

Location

Atsugi A15 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 98
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Parasitology

Mouse SPF/VAF Report
Japan

Charles River Laboratories Yokohama

Location

Atsugi A15 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
C57BL/6J

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A21 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 265
<i>KRV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>H1 ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>RPV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>RMV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>RTV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 274
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>C. bovis bde</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	05-Aug-2020	0 / 15	0 / 98
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>Helminths ade</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A21 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
	Outbred				
	CD				

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A23 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	05-Aug-2020	0 / 15	0 / 98
Parasitology					



Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A23 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred	Hybrid
BALB/C	CDF-1
DBA/2	

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report Japan

Charles River Laboratories Yokohama

Location

Atsugi A24 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>PVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>MHV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 197
<i>MVM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>MPV ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>MNV ace</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 197
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>REO ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>MAV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>K ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>POLY ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>HANT ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>LDV ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 89
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>H. bilis ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>H. hepaticus ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 183
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>S. moniliformis ad</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 203
<i>C. bovis bde</i>	PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 75

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	03-Aug-2020	0 / 15	0 / 75
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Mouse SPF/VAF Report
Japan

Charles River Laboratories Yokohama

Location

Atsugi A24 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>Helminths</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 15	0 / 89
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 69
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	03-Aug-2020	0 / 10	0 / 55

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
C57BL/6J

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A25 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>PVM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>MHV ace</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 241
<i>MVM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>MPV ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>MNV ace</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 241
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>REO ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 106
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>H. bilis ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 225
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>S. moniliformis ad</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 250
<i>C. bovis bde</i>	PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	05-Aug-2020	0 / 15	0 / 90
Parasitology					



Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Atsugi A25 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>Helminths</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 15	0 / 106
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 81
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	05-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
BALB/C
DBA/1

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H11 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
PVM ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
SDAV ace	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
KRV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
H1 ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RPV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RMV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
REO ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RTV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
LCMV ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
CAR Bacillus ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>H. bilis</i> ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus</i> ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp.</i> ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica</i> ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa</i> bd	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp.</i> ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis</i> ad	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 274
<i>Pneumocystis sp.</i> ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>C. bovis</i> bde	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Pathology					
Gross Exam df	Exam	RADS JPN	12-Aug-2020	0 / 15	0 / 98
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
Helminths ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
Enteric Protozoa ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H11 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
	Outbred WISTAR	Inbred F344 SHR WKY			

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location
Hino H12 Mice

Health Status
SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	12-Aug-2020	0 / 15	0 / 98

Parasitology

Mouse SPF/VAF Report
Japan

Charles River Laboratories Yokohama

Location

Hino H12 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
B6 OB
BKS DB
C57BL/6J

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H13 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
PVM ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
SDAV ace	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
KRV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
H1 ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RPV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RMV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
REO ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
RTV ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
LCMV ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
CAR Bacillus ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
H. bilis ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
H. hepaticus ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Helicobacter sp. ade	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
M. pulmonis ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
P. pneumotropica ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
P. aeruginosa bd	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 73
Salmonella sp. ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
S. moniliformis ad	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 274
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
C. bovis bde	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Pathology					
Gross Exam df	Exam	RADS JPN	12-Aug-2020	0 / 15	0 / 98
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
Helminths ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
Enteric Protozoa ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 85
E. cuniculi ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H13 Rats

Health Status

SPF / VAF

<i>Summary Item</i>	<i>Method</i>	<i>Primary Lab</i>	<i>Most Recent</i>		<i>Past 18 Months</i>
			<i>Test Date</i>	<i>Positive / Tested</i>	<i>Positive / Tested</i>
	Outbred L/E	Inbred BN LEWIS PCK ZDF FA/+ ZDF FA/FA			

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H21 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
<i>KRV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>H1 ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>RPV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>RMV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>RTV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 274
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>C. bovis bde</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	12-Aug-2020	0 / 15	0 / 98
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>Helminths ade</i>	Exam/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS



Rat SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H21 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
	Outbred				
	CD				

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H22 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>PVM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MHV ace</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
<i>MVM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MPV ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>MNV ace</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 265
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>REO ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>H. bilis ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>H. hepaticus ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 249
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 73
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>S. moniliformis ad</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 274
<i>C. bovis bde</i>	PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 81
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	12-Aug-2020	0 / 15	0 / 98

Parasitology



Mouse SPF/VAF Report

Japan

Charles River Laboratories Yokohama

Location

Hino H22 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 89
<i>Helminths</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 15	0 / 114
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 85
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	12-Aug-2020	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred
CD-1

Inbred
C3H
C57BL/6N
DBA/2

Hybrid
B6C3F1
BDF-1

COLONY POLICY FOR POSITIVE RESULT: a = immediate termination; b = no action

TESTING SCHEDULE: c = screened every month; d = screened quarterly; e = additional PCR is done every month by environmental swabs;

Other

f = results do not include incidental or strain related findings

Immunodeficient Mouse SPF/NAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T21 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>PVM ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>MHV ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>MVM ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>MPV ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>MNV ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>REO ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>EDIM ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 477
<i>LCMV a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>ECTRO a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>MAV a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>MCMV a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>K a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>POLY a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>HANT a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>MTLV a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>LDV a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 256
Microbiology					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>CAR Bacillus a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>H. bilis ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 509
<i>H. hepaticus ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 509
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 509
<i>M. pulmonis ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 509
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>S. moniliformis a</i>	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 310
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	04-Aug-2020	0 / 53	0 / 1,232
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 310
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 509
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 473
<i>C. bovis ac</i>	PCR	RADS JPN	04-Aug-2020	0 / 12	0 / 455
Pathology					

Immunodeficient Mouse SPF/NAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T21 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Pathology					
Gross Exam ad	Exam	RADS JPN	03-Aug-2020	0 / 12	0 / 310
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 310
Helminths a	Exam/PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 310
Enteric Protozoa a	Exam/PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 294
E. cuniculi a	PCR	RADS JPN	03-Aug-2020	0 / 12	0 / 278

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred
SHO

Other Strains
Congenic
NSG

COLONY POLICY FOR POSITIVE RESULT: immediate termination

TESTING SCHEDULE: a = screened annually; b = environmental bacteriology is done 11 times a year; c = environmental PCR is done triannually

Other

d = results do not include incidental or strain related findings



Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T22 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>PVM ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>MHV ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>MVM ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>MPV ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>MNV ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>REO ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>EDIM ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>LCMV a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>ECTRO a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>MAV a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>MCMV a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>K a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>POLY a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>HANT a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>MTLV a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>LDV a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 212
Microbiology					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>CAR Bacillus a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>H. bilis ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 412
<i>H. hepaticus ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 412
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 412
<i>M. pulmonis ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 412
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>S. moniliformis a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 254
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 45	0 / 993
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 254
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 412
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 384
<i>C. bovis ac</i>	PCR	RADS JPN	11-Aug-2020	0 / 10	0 / 370
Pathology					



Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T22 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Pathology					
Gross Exam <i>ad</i>	Exam	RADS JPN	05-Aug-2020	0 / 12	0 / 254
Parasitology					
Ectoparasites <i>a</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 254
Helminths <i>a</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 254
Enteric Protozoa <i>a</i>	Exam/PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 240
<i>E. cuniculi</i> <i>a</i>	PCR	RADS JPN	05-Aug-2020	0 / 12	0 / 226

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenic

CB17SCID

COLONY POLICY FOR POSITIVE RESULT: immediate termination

TESTING SCHEDULE: a = screened annually; b = environmental bacteriology is done 11 times a year; c = environmental PCR is done triannually

Other

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Immunodeficient Mouse SPF/NAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T23 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
<i>SEND ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>PVM ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>MHV ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>MVM ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>MPV ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>MNV ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>REO ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>EDIM ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>LCMV a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>ECTRO a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>MAV a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>MCMV a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>K a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>POLY a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>HANT a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>MTLV a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>LDV a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 304
Microbiology					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>CAR Bacillus a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>H. bilis ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 559
<i>H. hepaticus ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 559
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 559
<i>M. pulmonis ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 559
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>S. moniliformis a</i>	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 349
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	18-Aug-2020	0 / 65	0 / 1,344
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 349
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 559
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 529
<i>C. bovis ac</i>	PCR	RADS JPN	18-Aug-2020	0 / 14	0 / 514
Pathology					

Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

Charles River Laboratories Yokohama

Location

Tsukuba T23 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Pathology					
Gross Exam ad	Exam	RADS JPN	11-Aug-2020	0 / 16	0 / 349
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 349
Helminths a	Exam/PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 349
Enteric Protozoa a	Exam/PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 334
E. cuniculi a	PCR	RADS JPN	11-Aug-2020	0 / 16	0 / 319

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenic

NOD SCID J

SCIDBEIGE

COLONY POLICY FOR POSITIVE RESULT: immediate termination

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Other

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