

2020年5月28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5月度)

試験責任者：品質保証部
マネジャー 佐藤征直





Immunodeficient Mouse SPF/NAF 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	11-May-2020	0 / 10	0 / 231
PVM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MHV ace	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
MVM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MPV ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MNV ace	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
REO ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
EDIM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
LCMV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
ECTRO ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MAV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MCMV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
K ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
POLY ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
HANT ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MTLV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
LDV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>C. rodentium</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 136
CAR <i>Bacillus</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>H. bilis</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>H. hepaticus</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 251
<i>P. pneumotropica</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>P. aeruginosa</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>Staph. aureus</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>S. moniliformis</i> ad	PCR	RADS JPN	11-May-2020	0 / 15	0 / 83
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 267
<i>Pneumocystis</i> sp. ad	PCR	RADS JPN	11-May-2020	0 / 5	0 / 35
<i>C. bovis</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	11-May-2020	0 / 15	0 / 123



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	11-May-2020	0 / 10	0 / 112
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 136
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* 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/NAF 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					
SEND ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
PVM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MHV ace	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
MVM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MPV ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
MNV ace	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
REO ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
EDIM ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
LCMV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
ECTRO ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MAV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MCMV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
K ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
POLY ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
HANT ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
MTLV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
LDV ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>C. rodentium</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 136
CAR Bacillus ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>H. bilis</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>H. hepaticus</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 251
<i>P. pneumotropica</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>P. aeruginosa</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>Staph. aureus</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
<i>S. moniliformis</i> ad	PCR	RADS JPN	11-May-2020	0 / 15	0 / 83
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 132
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 267
<i>Pneumocystis</i> sp. ad	PCR	RADS JPN	11-May-2020	0 / 5	0 / 35
<i>C. bovis</i> ade	PCR	RADS JPN	11-May-2020	0 / 15	0 / 88
Pathology					
Gross Exam df	Exam	RADS JPN	11-May-2020	0 / 15	0 / 123



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	11-May-2020	0 / 10	0 / 112
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 136
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* 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	11-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 111

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	11-May-2020	0 / 10	0 / 100
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 88
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* 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	11-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 111

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 111
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Parasitology

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 ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>Helminths ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 88
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred	Inbred
CD-1	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	11-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 111

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	11-May-2020	0 / 10	0 / 100
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 88
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* 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	11-May-2020	0 / 10	0 / 207
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 220
<i>KRV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>H1 ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>RPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>RMV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>RTV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 227
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 207
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 83
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>Helminths ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 96
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 72
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55

* 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	11-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 111

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	11-May-2020	0 / 10	0 / 100
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 88
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 63

* 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	11-May-2020	0 / 10	0 / 141
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 152
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 152
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 71
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 141
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 45
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 156
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 60

Parasitology

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	11-May-2020	0 / 10	0 / 56
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 71
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 56
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 45

* 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	11-May-2020	0 / 10	0 / 183
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 196
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 196
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 15	0 / 88
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 183
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 55
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2020	0 / 15	0 / 203
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 75

Parasitology

<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2020	0 / 15	0 / 75
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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	11-May-2020	0 / 10	0 / 68
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 15	0 / 88
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2020	0 / 10	0 / 68
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2020	0 / 10	0 / 55

* 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					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>KRV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>H1 ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RPV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RMV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RTV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	13-May-2020	0 / 15	0 / 255
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>C. bovis bde</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	13-May-2020	0 / 15	0 / 111
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>Helminths ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 88
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63

* 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	13-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	13-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	13-May-2020	0 / 15	0 / 111
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	13-May-2020	0 / 10	0 / 100
<i>Helminths</i> ade	Exam/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 88
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63

* 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					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>KRV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>H1 ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RPV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RMV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RTV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	13-May-2020	0 / 15	0 / 255
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>C. bovis bde</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	13-May-2020	0 / 15	0 / 111
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>Helminths ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 88
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63

* 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

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
	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	13-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>KRV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>H1 ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RPV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RMV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>RTV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	13-May-2020	0 / 15	0 / 255
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>C. bovis bde</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	13-May-2020	0 / 15	0 / 111
Parasitology					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>Helminths ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 88
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63

* 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	13-May-2020	0 / 10	0 / 231
<i>PVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MHV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>MVM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MPV ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>MNV ace</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 244
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>REO ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MAV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>K ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>POLY ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>HANT ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>LDV ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 55
Microbiology					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>CAR Bacillus ad</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>H. bilis ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>H. hepaticus ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 76
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 231
<i>P. pneumotropica ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 87
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>S. moniliformis ad</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 63
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	13-May-2020	0 / 10	0 / 100
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	13-May-2020	0 / 15	0 / 255
<i>C. bovis bde</i>	PCR	RADS JPN	13-May-2020	0 / 10	0 / 68
Pathology					
<i>Gross Exam df</i>	Exam	RADS JPN	13-May-2020	0 / 15	0 / 111
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	13-May-2020	0 / 10	0 / 100
<i>Helminths</i> ade	Exam/PCR	RADS JPN	13-May-2020	0 / 15	0 / 124
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	13-May-2020	0 / 10	0 / 88
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	13-May-2020	0 / 10	0 / 63

* 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	07-May-2020	0 / 27	0 / 465
<i>PVM ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>MHV ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>MVM ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>MPV ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>MNV ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>REO ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>EDIM ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 465
<i>LCMV a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>ECTRO a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>MAV a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>MCMV a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>K a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>POLY a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>HANT a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>MTLV a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>LDV a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 220

Microbiology

<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>CAR Bacillus a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>H. bilis ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 441
<i>H. hepaticus ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 441
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 441
<i>M. pulmonis ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 497
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>S. moniliformis a</i>	PCR	RADS JPN	07-May-2020	0 / 16	0 / 277
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 67	0 / 1,179
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	07-May-2020	0 / 16	0 / 415
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	07-May-2020	0 / 27	0 / 579
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 449
<i>C. bovis ac</i>	PCR	RADS JPN	07-May-2020	0 / 27	0 / 384

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	07-May-2020	0 / 16	0 / 415
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	07-May-2020	0 / 16	0 / 415
Helminths a	Exam/PCR	RADS JPN	07-May-2020	0 / 16	0 / 415
Enteric Protozoa a	Exam/PCR	RADS JPN	07-May-2020	0 / 16	0 / 358
E. cuniculi a	PCR	RADS JPN	07-May-2020	0 / 16	0 / 245

* 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	12-May-2020	0 / 10	0 / 356
<i>PVM ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>MHV ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>MVM ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>MPV ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>MNV ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>REO ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>EDIM ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>LCMV a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>ECTRO a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>MAV a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>MCMV a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>K a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>POLY a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>HANT a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>MTLV a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>LDV a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 176

Microbiology

<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>CAR Bacillus a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>H. bilis ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 347
<i>H. hepaticus ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 347
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 347
<i>M. pulmonis ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 384
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>S. moniliformis a</i>	PCR	RADS JPN	11-May-2020	0 / 12	0 / 218
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	12-May-2020	0 / 45	0 / 934
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 12	0 / 329
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	12-May-2020	0 / 10	0 / 458
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 356
<i>C. bovis ac</i>	PCR	RADS JPN	12-May-2020	0 / 10	0 / 305

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 ad	Exam	RADS JPN	11-May-2020	0 / 12	0 / 329
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	11-May-2020	0 / 12	0 / 329
Helminths a	Exam/PCR	RADS JPN	11-May-2020	0 / 12	0 / 329
Enteric Protozoa a	Exam/PCR	RADS JPN	11-May-2020	0 / 12	0 / 278
E. cuniculi a	PCR	RADS JPN	11-May-2020	0 / 12	0 / 190

* 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

d = results do not include incidental or strain related findings

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	19-May-2020	0 / 12	0 / 470
<i>PVM ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>MHV ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>MVM ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>MPV ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>MNV ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>REO ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>EDIM ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>LCMV a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>ECTRO a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>MAV a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>MCMV a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>K a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>POLY a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>HANT a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>MTLV a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>LDV a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 236

Microbiology

<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>CAR Bacillus a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>H. bilis ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 453
<i>H. hepaticus ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 453
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 453
<i>M. pulmonis ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 500
<i>P. pneumotropica abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>S. moniliformis a</i>	PCR	RADS JPN	11-May-2020	0 / 24	0 / 281
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	19-May-2020	0 / 61	0 / 1,231
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	11-May-2020	0 / 24	0 / 422
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	19-May-2020	0 / 12	0 / 594
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 470
<i>C. bovis ac</i>	PCR	RADS JPN	19-May-2020	0 / 12	0 / 408

Pathology

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
Pathology					
Gross Exam ad	Exam	RADS JPN	11-May-2020	0 / 24	0 / 422
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	11-May-2020	0 / 24	0 / 422
Helminths a	Exam/PCR	RADS JPN	11-May-2020	0 / 24	0 / 422
Enteric Protozoa a	Exam/PCR	RADS JPN	11-May-2020	0 / 24	0 / 360
E. cuniculi a	PCR	RADS JPN	11-May-2020	0 / 24	0 / 251

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenit

NOD SCID

SCIDBEIGE

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