

2021年5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

(2021年5月度)

試験責任者：品質保証部  
マネジャー 佐藤征直

  
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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
<b>Virology</b>					
SEND ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>C. rodentium</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium</i> (CAR Bacillus) ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>H. bilis</i> ade	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>H. hepaticus</i> ade	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>R. heyltii</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>R. pneumotropicus</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>P. aeruginosa</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Staph. aureus</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>S. moniliformis</i> ad	PCR	RADS JPN	10-May-2021	0 / 15	0 / 90
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>Pneumocystis</i> sp. ad	PCR	RADS JPN	10-May-2021	0 / 5	0 / 30
<i>C. bovis</i> ade	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107

## Pathology



# 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
<b>Pathology</b>					
Gross Exam <i>df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
Ectoparasites <i>ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 92
Helminths <i>ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
Enteric Protozoa <i>ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> <i>ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.

### HOUSED STRAINS

<b>Outbred</b>	<b>Inbred</b>
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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>P. aeruginosa ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Staph. aureus ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 15	0 / 90
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>Pneumocystis sp. ad</i>	PCR	RADS JPN	10-May-2021	0 / 5	0 / 30
<i>C. bovis ade</i>	PCR	RADS JPN	10-May-2021	0 / 15	0 / 107

## Pathology



## 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
<b>Pathology</b>					
Gross Exam df	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
Ectoparasites ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 92
Helminths ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	10-May-2021	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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90

**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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	10-May-2021	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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90



**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
<b>Parasitology</b>					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	10-May-2021	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

## 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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>SDAV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>KRV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>H1 ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>RPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>RMV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>RTV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>Pneumocystis sp. ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
<i>Ectoparasites ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa ade</i>	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.



## Rat SPF/VAF Report

### Japan

Charles River Laboratories Yokohama

*Location*

Atsugi A21 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>

HOUSED STRAINS

**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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90



# 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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.

### HOUSED STRAINS

<b>Inbred</b>	<b>Hybrid</b>
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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90

**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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	10-May-2021	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

## 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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	10-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	10-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	10-May-2021	0 / 15	0 / 90





# 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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	10-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	10-May-2021	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
<b>Virology</b>					
SEND ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>F. rodentium</i> (CAR Bacillus) ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. bilis</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. hepaticus</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>R. heyltii</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>P. aeruginosa</i> bd	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>S. moniliformis</i> ad	PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	11-May-2021	0 / 15	0 / 282
<i>Pneumocystis</i> sp. ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>C. bovis</i> bde	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
Gross Exam df	Exam	RADS JPN	11-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
Ectoparasites ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.



# 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
HOUSED STRAINS	<b>Outbred</b> WISTAR	<b>Inbred</b> 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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2021	0 / 15	0 / 90

**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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2021	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
<b>Virology</b>					
SEND ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>F. rodentium</i> (CAR Bacillus) ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. bilis</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. hepaticus</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helicobacter</i> sp. ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>R. heyltii</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>P. aeruginosa</i> bd	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Salmonella</i> sp. ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>S. moniliformis</i> ad	PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	11-May-2021	0 / 15	0 / 282
<i>Pneumocystis</i> sp. ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>C. bovis</i> bde	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
Gross Exam df	Exam	RADS JPN	11-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
Ectoparasites ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.



# 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
HOUSED STRAINS					
	<b>Outbred</b> L/E	<b>Inbred</b> 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
<b>Virology</b>					
SEND ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>F. rodentium</i> (CAR Bacillus) ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>C. kutscheri</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. bilis</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. hepaticus</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helicobacter sp.</i> ade	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>M. pulmonis</i> ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>R. heyltii</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus</i> ( <i>P.pneumotropica</i> ) ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>P. aeruginosa</i> bd	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Salmonella sp.</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>S. moniliformis</i> ad	PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae</i> ade	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	11-May-2021	0 / 15	0 / 282
<i>Pneumocystis sp.</i> ac	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>C. bovis</i> bde	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
Gross Exam df	Exam	RADS JPN	11-May-2021	0 / 15	0 / 90
<b>Parasitology</b>					
Ectoparasites ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65

\* dashes indicate not tested during specified period.





## 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
HOUSED STRAINS					
	<b>Outbred</b>				
	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
<b>Virology</b>					
<i>SEND ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>PVM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MHV ace</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
<i>MVM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MPV ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>MNV ace</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 274
<i>TMEV (GDVII) ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>REO ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>EDIM ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>LCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>ECTRO ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MAV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MCMV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>K ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>POLY ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>HANT ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>MTLV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>LDV ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<b>Microbiology</b>					
<i>B. bronchiseptica ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>C. rodentium ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
<i>F. rodentium (CAR Bacillus) ad</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>C. kutscheri ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. bilis ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>H. hepaticus ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helicobacter sp. ade</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>M. pulmonis ac</i>	MFIA/PCR	RADS JPN	11-May-2021	0 / 10	0 / 257
<i>R. heyltii (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>R. pneumotropicus (P.pneumotropica) ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>P. aeruginosa bd</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Salmonella sp. ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>S. moniliformis ad</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 65
<i>Strep. pneumoniae ade</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/MFIA/PCR	RADS JPN	11-May-2021	0 / 15	0 / 282
<i>C. bovis bde</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<b>Pathology</b>					
<i>Gross Exam df</i>	Exam	RADS JPN	11-May-2021	0 / 15	0 / 90



# 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
<b>Parasitology</b>					
<i>Ectoparasites</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>Helminths</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 15	0 / 107
<i>Enteric Protozoa</i> ade	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 82
<i>E. cuniculi</i> ad	MFIA/PCR	RADS JPN	11-May-2021	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
<b>Virology</b>					
<i>SEND ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>PVM ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>MHV ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>MVM ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>MPV ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>MNV ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>REO ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>EDIM ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>LCMV a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>ECTRO a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>MAV a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>MCMV a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>K a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>POLY a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>HANT a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>MTLV a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>LDV a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<b>Microbiology</b>					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>F. rodentium (CAR Bacillus) a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>H. bilis ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>H. hepaticus ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>M. pulmonis ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>R. heyltii (P.pneumotropica) abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>R. pneumotropicus (P.pneumotropica) abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>S. moniliformis a</i>	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 52	0 / 1,227
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488
<i>C. bovis ac</i>	PCR	RADS JPN	11-May-2021	0 / 12	0 / 488

## Immunodeficient Mouse SPF/VAF 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
<b>Pathology</b>					
Gross Exam ad	Exam	RADS JPN	10-May-2021	0 / 16	0 / 288
<b>Parasitology</b>					
Ectoparasites a	Exam/PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
Helminths a	Exam/PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
Enteric Protozoa a	Exam/PCR	RADS JPN	10-May-2021	0 / 16	0 / 288
E. cuniculi a	PCR	RADS JPN	10-May-2021	0 / 16	0 / 288

\* 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
<b>Virology</b>					
<i>SEND ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>PVM ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>MHV ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>MVM ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>MPV ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>MNV ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>REO ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>EDIM ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>LCMV a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>ECTRO a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>MAV a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>MCMV a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>K a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>POLY a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>HANT a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>MTLV a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>LDV a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<b>Microbiology</b>					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>F. rodentium (CAR Bacillus) a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>H. bilis ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>H. hepaticus ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>M. pulmonis ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>R. heyltii (P.pneumotropica) abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>R. pneumotropicus (P.pneumotropica) abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>P. aeruginosa abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>Salmonella sp. abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>Staph. aureus abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>S. moniliformis a</i>	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>Strep. pneumoniae abc</i>	Culture/PCR	RADS JPN	11-May-2021	0 / 45	0 / 1,038
<i>Beta Strep. sp. a</i>	Culture/PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>Pneumocystis sp. ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409
<i>C. bovis ac</i>	PCR	RADS JPN	11-May-2021	0 / 10	0 / 409



## 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
<b>Pathology</b>					
Gross Exam ad	Exam	RADS JPN	10-May-2021	0 / 12	0 / 236
<b>Parasitology</b>					
Ectoparasites a	Exam/PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
Helminths a	Exam/PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
Enteric Protozoa a	Exam/PCR	RADS JPN	10-May-2021	0 / 12	0 / 236
E. cuniculi a	PCR	RADS JPN	10-May-2021	0 / 12	0 / 236

\* dashes indicate not tested during specified period.

HOUSED STRAINS

**Other Strains**

Congenit

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

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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
<b>Virology</b>					
<i>SEND ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>PVM ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>MHV ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>MVM ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>MPV ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>MNV ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>TMEV (GDVII) ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>REO ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>EDIM ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>LCMV a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>ECTRO a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>MAV a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>MCMV a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>K a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>POLY a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>HANT a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
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<i>LDV a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<b>Microbiology</b>					
<i>B. bronchiseptica abc</i>	Culture/PCR	RADS JPN	18-May-2021	0 / 61	0 / 1,450
<i>C. rodentium abc</i>	Culture/PCR	RADS JPN	18-May-2021	0 / 61	0 / 1,450
<i>F. rodentium (CAR Bacillus) a</i>	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>C. kutscheri abc</i>	Culture/PCR	RADS JPN	18-May-2021	0 / 61	0 / 1,450
<i>H. bilis ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>H. hepaticus ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
<i>Helicobacter sp. ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
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<i>CPIL (Tyzzer's Disease) ac</i>	Exam/PCR	RADS JPN	18-May-2021	0 / 12	0 / 565
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<i>C. bovis ac</i>	PCR	RADS JPN	18-May-2021	0 / 12	0 / 565



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Tsukuba T23 Mice

*Health Status*

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<i>Ectoparasites</i> a	Exam/PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>Helminths</i> a	Exam/PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>Enteric Protozoa</i> a	Exam/PCR	RADS JPN	17-May-2021	0 / 24	0 / 324
<i>E. cuniculi</i> a	PCR	RADS JPN	17-May-2021	0 / 24	0 / 324

\* 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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