

2023 年 5 月 29 日

お客様 各位

生産動物 微生物モニタリング結果報告書

(2023 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/VAF Report (Barrier)

Japan

The Jackson Laboratory Japan, Inc.

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	08-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 60
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
C. rodentium ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
H. bilis ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
H. hepaticus ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Helicobacter sp. ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
M. pulmonis ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
R. heylii (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
P. aeruginosa ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Salmonella sp. ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Staph. aureus ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107

Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A11 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Helminths ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Outbred
NU/NU CD1
NU+ CD1

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

Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

The Jackson Laboratory Japan, Inc.

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	08-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 60
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
C. rodentium ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
H. bilis ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
H. hepaticus ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Helicobacter sp. ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
M. pulmonis ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
P. aeruginosa ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Salmonella sp. ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Staph. aureus ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 15	0 / 90
Strep. pneumoniae ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
Pneumocystis sp. ad	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
C. bovis ade	PCR	RADS JPN	08-May-2023	0 / 15	0 / 107

Immunodeficient Mouse SPF/VAF Report (Barrier)

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A12 Mice

Health Status

Immunodeficient

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Helminths ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
C. bovis bde	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
Ectoparasites ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	15-May-2023	0 / 15	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
C. bovis bde	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	15-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	15-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.



Rat SPF/VAF Report
Japan

The Jackson Laboratory Japan, Inc.
Location
Atsugi A21 Rats

Health Status
SPF / VAF

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

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

The Jackson Laboratory Japan, Inc.

Location

Atsugi A22 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	15-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	15-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	15-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	15-May-2023	0 / 15	0 / 282
C. bovis bde	PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	15-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A22 Mice

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	15-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	15-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	15-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

HOUSED STRAINS

Inbred
BALB/C
DBA/1
DBA/2

Hybrid
CDF-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

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 257
R. heylji (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 282
C. bovis bde	PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
Ectoparasites ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
PVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
MHV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 240
MVM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
MPV ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
MNV ace	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 240
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
REO ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
EDIM ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
LCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	08-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
C. rodentium ade	Culture/PCR	RADS JPN	08-May-2023	0 / 15	0 / 105
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
H. bilis ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
H. hepaticus ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
Helicobacter sp. ade	PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
M. pulmonis ac	MFIA/PCR	RADS JPN	08-May-2023	0 / 10	0 / 225
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
P. aeruginosa bd	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
S. moniliformis ad	PCR	RADS JPN	08-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	08-May-2023	0 / 15	0 / 250
C. bovis bde	PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
Pathology					
Gross Exam df	Exam	RADS JPN	08-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
Ectoparasites ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
Helminths ade	Exam/PCR	RADS JPN	08-May-2023	0 / 15	0 / 105
Enteric Protozoa ade	Exam/PCR	RADS JPN	08-May-2023	0 / 10	0 / 80
E. cuniculi ad	MFIA/PCR	RADS JPN	08-May-2023	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

Rat SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

Location

Hino H11 Rats

Health Status

SPF / VAF

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	09-May-2023	0 / 15	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
C. bovis bde	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

Rat SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
	Inbred				
	BN				
	F344				
	LEWIS				
	PCK				
	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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	09-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
R. heylji (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	09-May-2023	0 / 15	0 / 282
C. bovis bde	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
Ectoparasites ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
SDAV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
KRV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
H1 ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RPV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RMV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
RTV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	09-May-2023	0 / 15	0 / 282
Pneumocystis sp. ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
C. bovis bde	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90
Parasitology					
Ectoparasites ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65

* dashes indicate not tested during specified period.

Rat SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
	Outbred				
	CD				
	WISTAR				

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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
PVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MHV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
MVM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MPV ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
MNV ace	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 274
TMEV (GDVII) ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
REO ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
EDIM ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
LCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
ECTRO ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MAV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MCMV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
K ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
POLY ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
HANT ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MTLV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
LDV ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
MuCPV bd	PCR	RADS JPN	09-May-2023	0 / 5	0 / 30
Microbiology					
B. bronchiseptica ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
C. rodentium ade	Culture/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
F. rodentium (CAR Bacillus) ad	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
C. kutscheri ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. bilis ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
H. hepaticus ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helicobacter sp. ade	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
M. pulmonis ac	MFIA/PCR	RADS JPN	09-May-2023	0 / 10	0 / 257
R. heylII (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
R. pneumotropicus (P.pneumotropica) ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
P. aeruginosa bd	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Salmonella sp. ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
S. moniliformis ad	PCR	RADS JPN	09-May-2023	0 / 10	0 / 65
Strep. pneumoniae ade	Culture/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
CPIL (Tyzzer's Disease) ac	Exam/MFIA/PCR	RADS JPN	09-May-2023	0 / 15	0 / 282
C. bovis bde	PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Pathology					
Gross Exam df	Exam	RADS JPN	09-May-2023	0 / 15	0 / 90

Mouse SPF/VAF Report

Japan

The Jackson Laboratory Japan, Inc.

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					
Ectoparasites ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
Helminths ade	Exam/PCR	RADS JPN	09-May-2023	0 / 15	0 / 107
Enteric Protozoa ade	Exam/PCR	RADS JPN	09-May-2023	0 / 10	0 / 82
E. cuniculi ad	MFIA/PCR	RADS JPN	09-May-2023	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/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A15 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Virology					
SEND ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
PVM ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
MHV ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
MVM ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
MPV ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
MNV ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
TMEV (GDVII) ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
REO ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
EDIM ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
LCMV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
ECTRO a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
MAV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
MCMV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
K a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
POLY a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
HANT a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
MTLV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
LDV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
MuCPV a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
C. rodentium abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
C. kutscheri abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
H. bilis ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
H. hepaticus ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
Helicobacter sp. ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
M. pulmonis ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
P. aeruginosa abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
Salmonella sp. abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
Staph. aureus abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
S. moniliformis a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
Strep. pneumoniae abc	Culture/PCR	RADS JPN	16-May-2023	0 / 45	0 / 965
Beta Strep. sp. a	Culture/PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
Pneumocystis sp. ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371

Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

Location

Atsugi A15 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Microbiology					
C. bovis ac	PCR	RADS JPN	16-May-2023	0 / 10	0 / 371
Pathology					
Gross Exam ad	Exam	RADS JPN	08-May-2023	0 / 12	0 / 208
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
Helminths a	Exam/PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
Enteric Protozoa a	Exam/PCR	RADS JPN	08-May-2023	0 / 12	0 / 208
E. cuniculi a	PCR	RADS JPN	08-May-2023	0 / 12	0 / 208

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenetic

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/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

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					
SEND ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
PVM ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
MHV ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
MVM ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
MPV ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
MNV ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
TMEV (GDVII) ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
REO ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
EDIM ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
LCMV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
ECTRO a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
MAV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
MCMV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
K a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
POLY a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
HANT a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
MTLV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
LDV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
MuCPV a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
C. rodentium abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
C. kutscheri abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
H. bilis ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
H. hepaticus ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
Helicobacter sp. ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
M. pulmonis ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
P. aeruginosa abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
Salmonella sp. abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
Staph. aureus abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
S. moniliformis a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
Strep. pneumoniae abc	Culture/PCR	RADS JPN	09-May-2023	0 / 59	0 / 1,396
Beta Strep. sp. a	Culture/PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
Pneumocystis sp. ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547

Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T21 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Microbiology					
C. bovis ac	PCR	RADS JPN	09-May-2023	0 / 11	0 / 547
Pathology					
Gross Exam ad	Exam	RADS JPN	08-May-2023	0 / 20	0 / 320
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
Helminths a	Exam/PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
Enteric Protozoa a	Exam/PCR	RADS JPN	08-May-2023	0 / 20	0 / 320
E. cuniculi a	PCR	RADS JPN	08-May-2023	0 / 20	0 / 320

* 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

The Jackson Laboratory Japan, Inc.

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					
SEND ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
PVM ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
MHV ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
MVM ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
MPV ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
MNV ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
TMEV (GDVII) ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
REO ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
EDIM ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
LCMV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
ECTRO a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
MAV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
MCMV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
K a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
POLY a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
HANT a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
MTLV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
LDV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
MuCPV a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
Microbiology					
B. bronchiseptica abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
C. rodentium abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
F. rodentium (CAR Bacillus) a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
C. kutscheri abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
H. bilis ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
H. hepaticus ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
Helicobacter sp. ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
M. pulmonis ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
R. heylII (P.pneumotropica) abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
R. pneumotropicus (P.pneumotropica) abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
P. aeruginosa abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
Salmonella sp. abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
Staph. aureus abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
S. moniliformis a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
Strep. pneumoniae abc	Culture/PCR	RADS JPN	23-May-2023	0 / 51	0 / 1,093
Beta Strep. sp. a	Culture/PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
CPIL (Tyzzer's Disease) ac	Exam/PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
Pneumocystis sp. ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426

Immunodeficient Mouse SPF/VAF Report (Isolator)

Japan

The Jackson Laboratory Japan, Inc.

Location

Tsukuba T22 Mice

Health Status

SPF Isolator

Summary Item	Method	Primary Lab	Most Recent		Past 18 Months
			Test Date	Positive / Tested	Positive / Tested
Microbiology					
C. bovis ac	PCR	RADS JPN	23-May-2023	0 / 11	0 / 426
Pathology					
Gross Exam ad	Exam	RADS JPN	15-May-2023	0 / 20	0 / 244
Parasitology					
Ectoparasites a	Exam/PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
Helminths a	Exam/PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
Enteric Protozoa a	Exam/PCR	RADS JPN	15-May-2023	0 / 20	0 / 244
E. cuniculi a	PCR	RADS JPN	15-May-2023	0 / 20	0 / 244

* dashes indicate not tested during specified period.

HOUSED STRAINS

Other Strains

Congenetic

NOD SCID J

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