

Australian BioResources

Final Health Screening Summary Report - Sale Strains



Location - ABR Sales Strains

The ABR Sales Strains are held in 3 different areas-

- a. Supermax barrier** - Free from murine astrovirus and S.aureus
- b. Maximum barrier sales strains** - new - Free from S.aureus
- c. Maximum barrier sales strains - old** - Several strains positive for S.aureus

Mice from the **supermax barrier** and **new maximum barrier sales strains will become available** in small numbers in early 2025

Note- B10 was emptied and sanitized in Dec 2024 prior to the production colony of supermax immunodeficient lines being moved there.

Supermax barrier	Location (Feb 25)
B6.129S7-Rag1<tm1Mom>/JAusb	Rm16& B10
BALB/c-Fox1nuAusb (Nude)	Rm16
NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusb	Rm16& B10
NOD.Cg-Rag1<tm1Mom>IL2rg<tm1Wjl>Tg(CMV-IL3,CSF2,KITLG)1Eav/JA	Rm16& B10
SwissTacAusb	Rm16

Maximum barrier - new colonies	Location
B6.SJL-PtprcaPepcb/BoyJAusb (Ptprc)	B11
BALB/cJAusb	B11
C57BL6/JAusb	B11
FVB/nJAusb	B11

Maximum barrier - old colonies	Location
B6.SJL-PtprcaPepcb/BoyJAusb (Ptprc)	B8
BALB/cJAusb	B8
BALB/c-Fox1nuAusb (Nude)	B8
NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusb	B8
C57BL6/JAusb	B2
FVB/nJAusb	B8

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Supermax barrier							
	May-24	Aug-24	Nov-24	Feb-25	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Murine Astrovirus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Mouse Hepatitis Virus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Mouse Parvovirus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Minute Virus of Mice	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Mouse Rotavirus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Theiler's Encephalomyelitis virus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Mouse Norovirus	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Pneumonia Virus of Mice	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Adenovirus Type 1&2	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Hantaan Virus	0/1	0/1	0/5	0/11	0/19	CM/EAD	Serology/ PCR
Ectromelia	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
LCMV	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Murine Cytomegalovirus	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Polyoma Virus	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Reovirus Type 3	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Sendai Virus	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
K Virus	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/ PCR
Mouse Kidney Parvovirus	NT	0/4	NT	0/11	0/16	EAD	PCR
Bacteria							
Mycoplasma pulmonis	0/1	0/4	0/6	0/11	0/24	CM/EAD	PCR
Helicobacter spp	0/1	0/4	0/5	0/11	0/23	EAD	PCR
CAR Bacillus	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/PCR
Clostridium piliforme	0/1	0/5	0/5	0/11	0/24	CM/EAD	Serology/PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Bordetella bronchiseptica	0/1	0/4	0/6	0/22	0/34	CM	Culture
Citrobacter rodentium	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Corynebacterium bovis	0/1	0/4	0/5	0/11	0/23	EAD	PCR
Corynebacterium kutscheri	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Klebsiella oxytoca	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Klebsiella pneumoniae	0/1	0/4	0/6	0/22	0/34	CM	Culture
Pasteurella pneumotropica	0/2	0/8	0/5	0/11	0/24	EAD	PCR
Other Pasteurellaceae	0/1	0/4	0/6	0/22	0/34	CM	Culture
Pseudomonas aeruginosa	0/1	0/4	0/6	0/22	0/34	CM	Culture
Proteus mirabilis	0/1	0/4	0/6	0/22	0/34	CM	Culture
Salmonella spp.	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Staphylococcus aureus	0/2	0/8	0/5	0/11	0/28	CM/EAD	Culture/PCR
Streptobacillus moniliformis	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Streptococcus pneumoniae	0/1	0/4	0/6	0/11	0/24	CM/EAD	Culture/PCR
Beta-haemolytic Streptococcus	0/1	0/4	0/6	0/22	0/34	CM	Culture
Parasites							
Fur mites	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Syphacia spp	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Aspicularis tetraptera	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Giardia muris	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Spiroplasma muris	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Cryptosporidium spp	0/1	0/4	0/6	0/11	0/24	EAD	PCR
Encephalitozoon cuniculi	0/1	0/4	0/6	0/11	0/24	CM/EAD	Serology/PCR
Chilomastix spp	NT	0/4	NT	NT	0/4	EAD	PCR
Entamoeba spp	NT	0/4	NT	NT	0/4	EAD	PCR
Trichomonads	NT	0/4	NT	NT	0/4	EAD	PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Fungi

Pneumocystis murina	0/1	0/4	NT	0/11	0/28	EAD	PCR
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Testing laboratory

Lab report nos.	Screen 1793	Screen 1931	Screen 2093	Screen 2188
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Maximum barrier - new colonies

	Nov-24	Feb-25	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/1	0/3	0/4	EAD	PCR
Mouse Parvovirus	0/1	0/3	0/4	EAD	PCR
Minute Virus of Mice	0/1	0/3	0/4	EAD	PCR
Mouse Rotavirus	0/1	0/3	0/4	EAD	PCR
Theiler`s Encephalomyelitis virus	0/1	0/3	0/4	EAD	PCR
Mouse Norovirus	0/1	0/3	0/4	EAD	PCR
Pneumonia Virus of Mice	0/1	0/3	0/4	EAD	PCR
Adenovirus Type 1&2	NT	0/3	0/3	CM/EAD	Serology/ PCR
Hantaan Virus	NT	0/3	0/3	CM/EAD	Serology/ PCR
Ectromelia	NT	0/3	0/3	CM/EAD	Serology/ PCR
LCMV	NT	0/3	0/3	CM/EAD	Serology/ PCR
Murine Cytomegalovirus	NT	0/3	0/3	CM/EAD	Serology/ PCR
Polyoma Virus	NT	0/3	0/3	CM/EAD	Serology/ PCR
Reovirus Type 3	NT	0/3	0/3	CM/EAD	Serology/ PCR
Sendai Virus	NT	0/3	0/3	CM/EAD	Serology/ PCR
K Virus	NT	0/3	0/3	CM/EAD	Serology/ PCR
Mouse Kidney Parvovirus	NT	0/3	0/3	EAD	PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Bacteria					
Mycoplasma pulmonis	0/1	0/3	0/4	CM/EAD	PCR
Helicobacter spp	0/2	0/3	0/5	EAD	PCR
CAR Bacillus	NT	0/3	0/3	EAD	PCR
Clostridium piliforme	0/1	0/3	0/4	CM/EAD	Serology/PCR
Bordetella bronchiseptica	0/1	0/6	0/7	CM	Culture
Citrobacter rodentium	0/1	0/3	0/4	CM/EAD	Culture/PCR
Corynebacterium bovis	0/1	0/3	0/4	EAD	PCR
Corynebacterium kutscheri	0/1	0/3	0/4	CM/EAD	Culture/PCR
Klebsiella oxytoca	0/1	0/3	0/4	CM/EAD	Culture/PCR
Klebsiella pneumoniae	0/1	0/6	0/7	CM	Culture
Pasteurella pneumotropica	0/1	0/3	0/4	EAD	PCR
Other Pasteurellaceae	0/1	0/6	0/7	CM	Culture
Pseudomonas aeruginosa	0/1	0/6	0/7	CM	Culture
Proteus mirabilis	0/1	0/6	0/7	CM	Culture
Salmonella spp.	0/1	0/3	0/4	CM/EAD	Culture/PCR
Staphylococcus aureus	0/1	0/3	0/4	CM/EAD	Culture/PCR
Streptobacillus moniliformis	NT	0/3	0/3	CM/EAD	Culture/PCR
Streptococcus pneumoniae	0/1	0/3	0/4	CM/EAD	Culture/PCR
Beta-haemolytic Streptococcus	0/1	0/6	0/7	CM	Culture
Parasites					
Fur mites	0/1	0/3	0/4	EAD	PCR
Syphacia spp	0/1	0/3	0/4	EAD	PCR
Aspicularis tetraptera	0/1	0/3	0/4	EAD	PCR
Giardia muris	0/1	0/3	0/4	EAD	PCR
Spiroplasma muris	0/1	0/3	0/4	EAD	PCR
Cryptosporidium	0/1	0/3	0/4	EAD	PCR
Encephalitozoon cuniculi	NT	0/3	0/3	EAD	PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Fungi					
Pneumocystis murina	NT	0/3	0/3	EAD	PCR
Testing laboratory	Compath & GMG	Compath			
Lab report nos.	Screen 2092	Screen 2187			

Note- These lines were closely screened on arrival in Sep/Oct so the Nov quarterly screened focused on the more common pathogens.
Results of arrival testing are not included above.

Maximum barrier - old colonies							
	May-24	Aug-24	Nov-24	Feb-25	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Mouse Parvovirus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Minute Virus of Mice	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Mouse Rotavirus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Theiler`s Encephalomyelitis virus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Mouse Norovirus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Pneumonia Virus of Mice	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Adenovirus Type 1&2	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Hantaan Virus	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Ectromelia	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
LCMV	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Murine Cytomegalovirus	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Polyoma Virus	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Reovirus Type 3	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Sendai Virus	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
K Virus	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/ PCR
Mouse Kidney Parvovirus	NT	0/33	NT	0/22	0/88	EAD	PCR
Bacteria							
Mycoplasma pulmonis	0/33	0/33	0/33	0/22	0/187	CM/EAD	PCR
Helicobacter spp	0/33	0/33	0/33	0/22	0/187	EAD	PCR
CAR Bacillus	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Clostridium piliforme	0/33	0/33	0/33	0/22	0/187	CM/EAD	Serology/PCR
Bordetella bronchiseptica	0/33	0/33	0/33	0/36	0/187	CM	Culture
Citrobacter rodentium	0/33	0/33	0/33	0/22	0/187	CM/EAD	Culture/PCR
Corynebacterium bovis	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Corynebacterium kutscheri	0/33	0/33	0/33	0/22	0/187	CM/EAD	Culture/PCR
Klebsiella oxytoca	0/33	0/33	0/33	0/22	0/187	CM/EAD	Culture/PCR
Klebsiella pneumoniae	0/33	0/33	0/33	0/36	0/187	CM	Culture
Pasteurella pneumotropica	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Other Pasteurellaceae	0/33	0/33	0/33	0/36	0/187	CM	Culture
Pseudomonas aeruginosa	0/33	0/33	0/33	0/36	0/187	CM	Culture
Proteus mirabilis	0/33	0/33	0/33	0/36	0/187	CM	Culture
Salmonella spp.	0/33	0/33	0/33	0/22	0/187	CM/EAD	Culture/PCR
Staphylococcus aureus	*47/382	*23/68	11/22	14/8	92/546	CM/EAD	Culture/PCR
Streptobacillus moniliformis	NT	NT	NT	0/22	0/22	CM/EAD	Culture/PCR
Streptococcus pneumoniae	0/33	0/33	0/33	0/22	0/187	CM/EAD	Culture/PCR
Beta-haemolytic Streptococcus	0/33	0/33	0/33	0/36	0/187	CM	Culture
Parasites							
Fur mites	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Syphacia spp	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Aspicularis tetraptera	0/33	0/33	0/33	0/22	0/187	EAD	PCR

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Giardia muris	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Spirotrunculus muris	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Cryptosporidium	0/33	0/33	0/33	0/22	0/187	EAD	PCR
Encephalitozoon cuniculi	0/33	0/33	0/33	0/22	0/187	SBS	Serology
Fungi							
Pneumocystis murina	NT	0/11	NT	0/22	0/44	EAD	PCR
Testing laboratory							
Lab report nos.	Compath & GMG	Compath & GMG	Compath & GMG	Compath			
	Screen 1790	Screen 1929	Screen 2091	Screen 2187			

*Notes - Additional screening for S.aureus took place in May-Aug 24. Screen IDs for additional screens are not included above.