

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

Supermax barrier

Location

B6.129S7-Rag1<tm1Mom>/JAusb	Rm16
BALB/c-Fox1nuAusb (Nude)	Rm16
NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusb	Rm16
NOD.Cg-Rag1<tm1Mom>IL2rg<tm1Wjl>Tg(CMV-IL3,CSF2,KITLG)1Eav/JAusb	Rm16
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)	B10, B8
NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusb	B10, B8
C57BL6/JAusb	B2
FVB/nJAusb	B8
SwissTacAusb	B10

Until Nov 24. This colony has now been culled.

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Supermax barrier							
	Feb-24	May-24	Aug-24	Nov-24	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Murine Astrovirus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Mouse Hepatitis Virus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Mouse Parvovirus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Minute Virus of Mice	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Mouse Rotavirus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Theiler's Encephalomyelitis virus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Mouse Norovirus	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Pneumonia Virus of Mice	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Adenovirus Type 1&2	0/1	0/1	0/5	0/5	0/12	CM	Serology
Hantaan Virus	0/1	0/1	0/1	0/5	0/12	CM	Serology
Ectromelia	0/1	0/1	0/5	0/5	0/12	CM	Serology
LCMV	0/1	0/1	0/5	0/5	0/12	CM	Serology
Murine Cytomegalovirus	0/1	0/1	0/5	0/5	0/12	CM	Serology
Polyoma Virus	0/1	0/1	0/5	0/5	0/12	CM	Serology
Reovirus Type 3	0/1	0/1	0/5	0/5	0/12	CM	Serology
Sendai Virus	0/1	0/1	0/5	0/5	0/12	CM	Serology
K Virus	0/1	0/1	0/5	0/5	0/12	CM	Serology
Mouse Kidney Parvovirus	0/1	NT	0/4	NT	0/5	EAD	PCR
Bacteria							
Mycoplasma pulmonis	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Helicobacter spp	0/1	0/1	0/4	0/5	0/11	CM	PCR
CAR Bacillus	0/1	0/1	0/5	0/5	0/12	CM	Serology

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Clostridium piliforme	0/1	0/1	0/5	0/5	0/12	CM	Serology
Bordetella bronchiseptica	0/1	0/1	0/4	0/6	0/12	CM	Culture
Citrobacter rodentium	0/1	0/1	0/4	0/6	0/12	CM	Culture
Corynebacterium bovis	0/1	0/1	0/4	0/5	0/11	EAD	PCR
Corynebacterium kutscheri	0/1	0/1	0/4	0/6	0/12	CM	Culture
Klebsiella oxytoca	0/1	0/1	0/4	0/6	0/12	CM	Culture
Klebsiella pneumoniae	0/1	0/1	0/4	0/6	0/12	CM	Culture
Pasteurella pneumotropica	0/1	0/2	0/8	0/5	0/16	EAD& CM	PCR& Culture
Other Pasteurellaceae	0/1	0/1	0/4	0/6	0/12	CM	Culture
Pseudomonas aeruginosa	0/1	0/1	0/4	0/6	0/12	CM	Culture
Proteus mirabilis	0/1	0/1	0/4	0/6	0/12	CM	Culture
Salmonella spp.	0/1	0/1	0/4	0/6	0/12	CM	Culture
Staphylococcus aureus	0/1	0/2	0/8	0/5	0/16	EAD & CM	PCR & Culture
Streptococcus pneumoniae	0/1	0/1	0/4	0/6	0/12	CM	Culture
Beta-haemolytic Streptococcus	0/1	0/1	0/4	0/6	0/12	CM	Culture
Parasites							
Fur mites	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Syphacia spp	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Aspicularis tetraptera	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Giardia muris	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Spiroonucleus muris	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Cryptosporidium spp	0/1	0/1	0/4	0/6	0/12	EAD	PCR
Encephalitozoon cuniculi	0/1	0/1	0/4	0/6	0/12	CM	Serology
Chilomastix spp	NT	NT	0/4	NT	0/4	EAD	PCR
Entamoeba spp	NT	NT	0/4	NT	0/4	EAD	PCR
Trichomonads	NT	NT	0/4	NT	0/4	EAD	PCR

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Fungi

Pneumocystis murina	0/1	0/1	0/4	NT	0/6	EAD	PCR
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Testing laboratory

Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG
Lab report nos.	Screen 1743	Screen 1793	Screen 1931	Screen 2093

Maximum barrier - new colonies

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

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Bacteria

Mycoplasma pulmonis	0/1	0/1	EAD	PCR
Helicobacter spp	0/2	0/2	SBS/CM	PCR
CAR Bacillus	NT	NT	SBS	Serology
Clostridium piliforme	0/1	0/1	SBS	Serology
Bordetella bronchiseptica	0/1	0/1	SBS	Culture
Citrobacter rodentium	0/1	0/1	SBS	Culture
Corynebacterium bovis	0/1	0/1	EAD	PCR
Corynebacterium kutscheri	0/1	0/1	SBS	Culture
Klebsiella oxytoca	0/1	0/1	SBS	Culture
Klebsiella pneumoniae	0/1	0/1	SBS	Culture
Pasteurella pneumotropica	0/1	0/1	EAD	PCR
Other Pasteurellaceae	0/1	0/1	SBS	Culture
Pseudomonas aeruginosa	0/1	0/1	SBS	Culture
Proteus mirabilis	0/1	0/1	SBS	Culture
Salmonella spp.	0/1	0/1	SBS	Culture
Staphylococcus aureus	0/1	0/1	SBS, EAD & CM	PCR
Streptococcus pneumoniae	0/1	0/1	SBS	Culture
Beta-haemolytic Streptococcus	0/1	0/1	SBS	Culture

Parasites

Fur mites	0/1	0/1	EAD	PCR
Syphacia spp	0/1	0/1	EAD	PCR
Aspicularis tetraptera	0/1	0/1	EAD	PCR
Giardia muris	0/1	0/1	EAD	PCR
Spirotrichomonas muris	0/1	0/1	EAD	PCR
Cryptosporidium	0/1	0/1	EAD	PCR
Encephalitozoon cuniculi	NT	NT	SBS	Serology

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Fungi

Pneumocystis murina	NT	NT	EAD	PCR
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Testing laboratory

Compath &
GMG

Lab report nos.

Screen 2092

Note- These lines were closely screened on arrival in Sep/Oct so the Nov quarterly screened focused on the more common pathogens.

Maximum barrier - old colonies

	Feb-24	May-24	Aug-24	Nov-24	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	0/33	0/198	EAD & CM	PCR & Serology
Mouse Parvovirus	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Minute Virus of Mice	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Mouse Rotavirus	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Theiler`s Encephalomyelitis virus	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Mouse Norovirus	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Pneumonia Virus of Mice	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Adenovirus Type 1&2	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Hantaan Virus	0/33	0/33	0/33	0/33	0/198	CM	Serology
Ectromelia	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
LCMV	0/33	0/33	0/33	0/33	0/198	EAD & CM	PCR & Serology
Murine Cytomegalovirus	0/33	0/33	0/33	0/33	0/198	CM	Serology
Polyoma Virus	0/33	0/33	0/33	0/33	0/198	CM	Serology
Reovirus Type 3	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Sendai Virus	0/33	0/33	0/33	0/33	0/198	EAD	PCR
K Virus	0/33	0/33	0/33	0/33	0/198	CM	Serology
Mouse Kidney Parvovirus	0/33	NT	0/33	NT	0/99	EAD	PCR

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Bacteria

Mycoplasma pulmonis	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Helicobacter spp	0/33	0/33	0/33	0/33	0/198	SBS/CM	PCR
CAR Bacillus	0/33	0/33	0/33	0/33	0/198	SBS	Serology
Clostridium piliforme	0/33	0/33	0/33	0/33	0/198	SBS	Serology
Bordetella bronchiseptica	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Citrobacter rodentium	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Corynebacterium bovis	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Corynebacterium kutscheri	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Klebsiella oxytoca	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Klebsiella pneumoniae	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Pasteurella pneumotropica	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Other Pasteurellaceae	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Pseudomonas aeruginosa	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Proteus mirabilis	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Salmonella spp.	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Staphylococcus aureus	0/33	*47/382	*23/68	11/22	91/571	SBS, EAD & CM	PCR
Streptococcus pneumoniae	0/33	0/33	0/33	0/33	0/198	SBS	Culture
Beta-haemolytic Streptococcus	0/33	0/33	0/33	0/33	0/198	SBS	Culture

Parasites

Fur mites	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Syphacia spp	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Aspicularis tetraptera	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Giardia muris	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Spirotrichomonas muris	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Cryptosporidium	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Encephalitozoon cuniculi	0/33	0/33	0/33	0/33	0/198	SBS	Serology

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Fungi							
Pneumocystis murina	0/11	NT	0/11	NT	0/33	EAD	PCR
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Testing laboratory	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG			
Lab report nos.	Screen 1735	Screen 1790	Screen 1929	Screen 2091			

*Notes - Additional screening for S.aureus took place in May-Aug 24. Screen IDs for the additional screening can be provided.