

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Location- Maximum Barrier

Immunocompetent strains- Biobubbles 1, 2, 5, 10

129S6/SvEvTacAusb- Biobubble 10
 B6.SJL-PtprcaPepcb/BoyJAusb (Ptprc)- Biobubble 5
 BALB/cJAusb- Biobubble 5
 C57BL6/JAusb- Biobubble 2 & 10
 C57BL/6NJAusb- Biobubble 1
 FVB/nJAusb- Biobubble 5
 SwissTacAusb- Biobubble 10

	Aug-18	Nov-18	Feb-19	May-19	Past 18 mths	Sample System	Sample/ test
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Mouse Parvovirus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Minute Virus of Mice	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Mouse Rotavirus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Theiler's Encephalomyelitis virus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Mouse Norovirus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Pneumonia Virus of Mice	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Adenovirus Type 1&2	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Ectromelia	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Hantavirus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
LCMV	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Murine Cytomegalovirus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Polyoma Virus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Reovirus Type 3	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Sendai Virus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
K Virus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Mouse Kidney Parvovirus	NT	NT	0/40	NT	0/40	SBS	PCR
Bacteria							
Mycoplasma pulmonis	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Helicobacter spp	0/34	0/39	0/40	0/40	0/218	EAD/SBS/CM	PCR
Citrobacter rodentium	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Staphylococcus aureus	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Salmonella spp.	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Pseudomonas aeruginosa	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Pasteurella pneumotropica	0/34	0/78*	0/40	0/40	0/257	EAD/CM	PCR
CAR Bacillus	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Clostridium piliforme	0/34	0/39	0/40	0/40	0/218	SBS	Serology
Corynebacterium kutscheri	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Klebsiella pneumoniae	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Klebsiella oxytoca	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Streptococcus pneumoniae	0/34	0/39	0/40	0/40	0/218	SBS	Culture
Parasites							
Fur mites	0/34	0/39	0/40	0/40	0/218	EAD	PCR
Syphacia spp	0/34	0/39	0/40	0/40	0/218	EAD	PCR
Aspicularis tetraptera	0/34	0/39	0/40	0/40	0/218	EAD	PCR
Giardia muris	0/34	0/39	0/40	0/40	0/218	EAD	PCR
Spiroplasma muris	0/34	0/39	0/40	0/40	0/218	EAD	PCR
Encephalitozoon cuniculi	0/34	0/39	0/40	0/40	0/218	SBS	Serology

Testing laboratory Cerberus Cerberus Compath
 Compath Sciences Sciences & GMG
 Lab report nos. 76, 79 ABR 86 ABR 15/16 ABR 36 & 37

Compath and Cerberus Sciences are accredited under ISO 9001

Sampling System Used

SBS- Soiled bedding sentinel
 EAD- Exhaust air duct sample
 CM- Colony mice

Notes

- When EAD is used, final results are not reported until follow up testing is concluded. This extremely sensitive test is subject to environmental contamination
- * Extensive follow up testing in bubble 1 for P.pneumotropica was negative. This included PCR on oral swabs from colony mice.

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Environmental contamination of samples was demonstrated. Contact ABR for further information

Location- Maximum Barrier

Immunodeficient strains- Biobubble 7, 5, 1

B6.129S7-Rag1<tm1Mom>/JAusb- Biobubble 5- moved to biobubble 1 after May screening

BALB/c-Fox1nuAusb- Biobubble 7

NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusb- Biobubble 7 (& bubble 1 after May screening)

	Aug-18	Nov-18	Feb-19	May-19	Past 18 mths	Sample System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Viruses							
Mouse Hepatitis Virus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Mouse Parvovirus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Minute Virus of Mice	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Mouse Rotavirus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Theiler's Encephalomyelitis virus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Mouse Norovirus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Pneumonia Virus of Mice	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Adenovirus Type 1&2	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Ectromelia	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Hantavirus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
LCMV	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Murine Cytomegalovirus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Polyoma Virus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Reovirus Type 3	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Sendai Virus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
K Virus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Mouse Kidney Parvovirus	NT	NT	0/18	NT	0/18	SBS	PCR
Bacteria							
Mycoplasma pulmonis	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Helicobacter spp	0/15	0/18	0/18	0/18	0/116	EAD/SBS/CM	PCR
Citrobacter rodentium	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Staphylococcus aureus	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Salmonella spp	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Pseudomonas aeruginosa	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Pasteurella pneumotropica	0/15	0/18	0/18	0/18	0/116	EAD/CM	PCR
CAR Bacillus	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Clostridium piliforme	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Corynebacterium kutscheri	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Klebsiella pneumoniae	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Streptococcus pneumoniae	0/15	0/18	0/18	0/18	0/116	SBS	Culture
Parasites							
Ectoparasites	0/15	0/18	0/18	0/18	0/116	EAD	PCR
Syphacia spp	0/15	0/18	0/18	0/18	0/116	EAD	PCR
Aspicularis tetraptera	0/15	0/18	0/18	0/18	0/116	EAD	PCR
Giardia muris	0/15	0/18	0/18	0/18	0/116	EAD	PCR
Spironucleus muris	0/15	0/18	0/18	0/18	0/116	EAD	PCR
Encephalitozoon cuniculi	0/15	0/18	0/18	0/18	0/116	SBS	Serology
Fungi							
Pneumocystis murina	0/15	NT	0/15	NT	0/45	SBS(nude)	PCR Lung

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The results shown above are a compilation of results from external specialist laboratories- Compath and Cerberus Sciences.

Sampling system used

1. Soiled Bedding Sentinel (SBS)
2. Exhaust Air Duct (EAD)
3. Colony mice (CM)