

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Location- Maximum Barrier

Immunocompetent strains- Biobubbles 2, 5, 10

B6.SJL-PtprcaPepcb/BoyJAusB (Ptprc)- Biobubble 5-moved to Biobubble 10 in June 2020
 BALB/cJAusB- Biobubble 5- moved to Biobubble 10 in June 2020
 C57BL6/JAusB- Biobubble 2
 FVB/nJAusB- Biobubble 5- Moved to Biobubble 10 in June 2020
 SwissTacAusB- Biobubble 10

Note- From June all sales from Biobubble 5 were moved to Biobubble 10.

	Feb-20	May-20	Aug-20	Nov-20	Past 18 mths	Sample System	Sample/ test
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Mouse Parvovirus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Minute Virus of Mice	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Mouse Rotavirus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Theiler's Encephalomyelitis virus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Mouse Norovirus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Pneumonia Virus of Mice	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Adenovirus Type 1&2	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Ectromelia	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Hantavirus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
LCMV	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Murine Cytomegalovirus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Polyoma Virus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Reovirus Type 3	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Sendai Virus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
K Virus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Mouse Kidney Parvovirus	0/32	NT	NT	NT	0/32	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Helicobacter spp	0/32	0/30	0/20	0/21	0/180	SBS/CM	PCR
Citrobacter rodentium	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Staphylococcus aureus	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Salmonella spp.	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Pseudomonas aeruginosa	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Pasteurella pneumotropica	0/32	0/30	0/20	0/21	0/180	EAD	PCR
CAR Bacillus	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Clostridium piliforme	0/32	0/30	0/20	0/21	0/180	SBS	Serology
Corynebacterium kutscheri	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Corynebacterium bovis							Culture(oral)< Nov19, EAD in Feb 20
	0/38	0/30	0/20	0/21	0/210	SBS/EAD	
Klebsiella pneumoniae	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Klebsiella oxytoca	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Streptococcus pneumoniae	0/32	0/30	0/20	0/21	0/180	SBS	Culture
Parasites							
Fur mites	0/32	0/30	0/20	0/21	0/180	EAD	PCR
Syphacia spp	0/32	0/30	0/20	0/21	0/180	EAD	PCR
Aspicularis tetraptera	0/32	0/30	0/20	0/21	0/180	EAD	PCR
Giardia muris	0/32	0/30	0/20	0/21	0/180	EAD	PCR
Spiroplasma muris	0/32	0/30	0/20	0/21	0/180	EAD	PCR
Encephalitozoon cuniculi	0/32	0/30	0/20	0/21	0/180	SBS	Serology

Testing laboratory

Lab report nos. Cerberus, Cerberus Compah Cerberus
 Compah & GMG & GMG & GMG

ABR 21,22, ABR 64,55 ABR 104,9: 159 & 153

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

Sampling System Used

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

Australian BioResources
Final Health Screening Summary Report - Sale Strains



Location- Maximum Barrier

Immunodeficient strains- Biobubble 1

B6.129S7-Rag1<tm1Mom>/jausb

	Feb-20	May-20	Aug-20	Nov-20	Past 18 mths	Sample	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	System	
Viruses							
Mouse Hepatitis Virus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Mouse Parvovirus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Minute Virus of Mice	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Mouse Rotavirus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Theiler's Encephalomyelitis virus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Mouse Norovirus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Pneumonia Virus of Mice	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Adenovirus Type 1&2	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Ectromelia	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Hantavirus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
LCMV	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Murine Cytomegalovirus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Polyoma Virus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Reovirus Type 3	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Sendai Virus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
K Virus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Mouse Kidney Parvovirus	0/2	NT	NT	NT	0/4	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Helicobacter spp	0/2	0/1	0/1	0/1	0/9	SBS/CM	PCR
Citrobacter rodentium	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Staphylococcus aureus	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Salmonella spp	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Pseudomonas aeruginosa	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Pasteurella pneumotropica	0/2	0/1	0/1	0/1	0/9	EAD/CM	PCR
CAR Bacillus	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Clostridium piliforme	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Corynebacterium kutscheri	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Corynebacterium bovis							Culture(oral)< Nov19, PCR skin/CE Nov19,
	0/2	0/1	0/1	0/1	0/19	EAD/SBS/ CE	EAD in Feb 20
Klebsiella pneumoniae	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Streptococcus pneumoniae	0/2	0/1	0/1	0/1	0/9	SBS	Culture
Parasites							
Ectoparasites	0/2	0/1	0/1	0/1	0/9	EAD	PCR
Syphacia spp	0/2	0/1	0/1	0/1	0/9	EAD	PCR
Aspicularis tetraptera	0/2	0/1	0/1	0/1	0/9	EAD	PCR
Giardia muris	0/2	0/1	0/1	0/1	0/9	EAD	PCR
Spironucleus muris	0/2	0/1	0/1	0/1	0/9	EAD	PCR
Encephalitozoon cuniculi	0/2	0/1	0/1	0/1	0/9	SBS	Serology
Fungi							
Pneumocystis murina	0/2	NT	NT	NT	0/4	SBS(nude)	PCR Lung

Testing laboratory Cerberus,
Compath, Cerberus Compath Cerberus
GMG & GMG & GMG & GMG

Lab report nos. ABR 21,22, ABR 64, 55 ABR 104,9: ABR 159, 153

The results shown above are a compilation of results from external specialist laboratories- Compath and Cerberus Sciences. Compath and Cerberus Sciences are accredited under ISO 9001

Sampling system used

Soiled Bedding Sentinel (SBS)
Exhaust Air Duct (EAD)
Colony mice (CM)
Cage exhaust (CE)

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Immunodeficient strains- Biobubble 7, 11

NOD.Cg-Prkdc<scid>IL2rg<tm1Whl/SzJAusB- Biobubble 7 to Nov, then C.bovis negative mice moved to Biobubble 11a in Dec 2019.

BALB/c-Fox1nuAusb (Nude)- Biobubble 7 to Nov, rederived with C.bovis neg mice into Biobubble 11b in Feb 2020

Note- From Feb 2020 Biobubble 11 was separated into 2 holdings- Biobubble 11a and Biobubble 11b

From Feb 2020 all results are from Bubble 11

	Feb-20	May-20	Aug-20	Nov-20	Past 18 mths	Sample System	Sample Type
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Mouse Parvovirus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Minute Virus of Mice	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Mouse Rotavirus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Theiler's Encephalomyelitis virus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Mouse Norovirus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Pneumonia Virus of Mice	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Adenovirus Type 1&2	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Ectromelia	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Hantavirus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
LCMV	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Murine Cytomegalovirus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Polyoma Virus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Reovirus Type 3	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Sendai Virus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
K Virus	0/2	0/5	0/10	0/7	0/58	SBS	Serology
Mouse Kidney Parvovirus	0/2	NT	NT	NT	0/2	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/10	0/5	0/10	0/7	0/58	SBS	Serology
Helicobacter spp	0/10	0/5	0/10	0/7	0/58	SBS/CM	PCR
Citrobacter rodentium	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Staphylococcus aureus	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Salmonella spp	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Pseudomonas aeruginosa	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Pasteurella pneumotropica	0/10	0/5	0/10	0/7	0/58	EAD/CM	PCR
CAR Bacillus	0/10	0/5	0/10	0/7	0/58	SBS	Serology
Clostridium piliforme	0/10	0/5	0/10	0/7	0/58	SBS	Serology
Corynebacterium kutscheri	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Corynebacterium bovis- Biobubble 7 (Nov) and Biobubble 11a Feb- Aug 2020	*0/16	*15/54	*14/148	*7/206	*111/696	EAD/SBS/ CE	Culture(oral)< Nov19, PCR skin/CE Nov19, EAD in Feb 20
Corynebacterium bovis- BALB/c-Fox1nude colony Biobubble 11b from Feb- Aug 2020	0/2	0/3	0/14	0/23	0/42	EAD	PCR
Klebsiella pneumoniae	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Streptococcus pneumoniae	0/10	0/5	0/10	0/7	0/58	SBS	Culture
Parasites							
Ectoparasites	0/10	0/5	0/10	0/7	0/58	EAD	PCR
Syphacia spp	0/10	0/5	0/10	0/7	0/58	EAD	PCR
Aspicularis tetraaptera	0/10	0/5	0/10	0/7	0/58	EAD	PCR
Giardia muris	0/10	0/5	0/10	0/7	0/58	EAD	PCR
Spiroplasma muris	0/10	0/5	0/10	0/7	0/58	EAD	PCR
Encephalitozoon cuniculi	0/10	0/5	0/10	0/7	0/58	SBS	Serology
Fungi							
Pneumocystis murina	0/10	NT	NT	NT	0/26	SBS(nude)	PCR Lung

Testing laboratory	Cerberus			
	Compath, GMG	Cerberus & GMG	Compath & GMG	Cerberus & GMG
	ABR 104, 92, 66, 68, 71, 76, 77, 80, 81,			
	ABR 159, 167,166, 153,147, 133,121, 120,105			
Lab report nos.	ABR 21,22, ABR 64, 55 103, 105,			

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

Sampling system used

Soiled Bedding Sentinel (SBS)

Exhaust Air Duct (EAD)

Colony mice (CM)

Cage exhaust (CE)

Notes-

1. * C.bovis was detected in Biobubble 7 in Oct 2019 & test results show the extensive testing in Oct/ Nov.

2. Biobubble 7 was emptied and disinfected in early 2020. Results from Feb - Aug 2020 are from Biobubble 11 only.