

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 2

Client Strains - Biobubbles 3, 4, 8, 9

	Aug-22	Nov-22	Feb-23	May-23	Aug-23	Past 18 mths	Sample System	Test Method
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Viruses								
Mouse Hepatitis Virus	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Mouse Rotavirus	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Theiler`s Encephalomyelitis virus	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Mouse Norovirus	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Ectromelia	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Hantavirus	NT	NT	0/44	NT	NT	0/44	SBS	Serology
LCMV	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Polyoma Virus	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Reovirus Type 3	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Sendai Virus	NT	NT	0/44	NT	NT	0/44	SBS	Serology
K Virus	NT	NT	0/44	NT	NT	0/44	SBS	Serology
MKPV	NT	NT	NT	NT	NT	NT		
Bacteria								
Mycoplasma pulmonis	0/48	0/51	0/44	0/44	0/44	0/279	SBS/EAD	Serology/PCR
Helicobacter spp	0/48	0/51	0/44	0/44	0/44	0/279	SBS/CM	PCR
CAR Bacillus	NT	NT	0/44	NT	NT	0/44	SBS/CM	Serology
Clostridium piliforme	0/48	NT	0/44	NT	NT	0/92	SBS/CM	Serology
Bordetella bronchiseptica	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Citrobacter rodentium	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Corynebacterium kutscheri	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Klebsiella oxytoca	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Klebsiella pneumoniae	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Pasteurella pneumotropica	NT*	*NT	*NT	*NT	37/6	37/6	CM	PCR/Culture
Other Pasteurellaceae	0/48	NT	0/44	NT	0/44	1/135	SBS/CM	Culture
Pseudomonas aeruginosa	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Proteus mirabilis	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Salmonella spp.	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Staphylococcus aureus	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Streptococcus pneumoniae	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Beta-haemolytic Streptococcus	0/48	NT	0/44	NT	0/44	0/136	SBS/CM	Culture
Parasites								
Fur mites	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Syphacia spp	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Aspicularis tetraptera	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Giardia muris	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Spiroplasma muris	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Cryptosporidium	0/48	0/51	0/44	0/44	0/44	0/279	EAD	PCR
Encephalitozoon cuniculi	NT	NT	0/44	NT	NT	0/44	SBS	Serology
Testing laboratory	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG			
Lab report nos.	Screen 1440	Screen 1470	Screen 1510	Screen 1562	Screen 1600			

Sampling System Used

1. Soiled Bedding Sentinel (SBS)

Australian BioResources
Final Health Screening Summary Report- Client Strains



2. Exhaust Air Duct (EAD)
3. Colony mice (CM)

**Notes -Historically Standard barrier level 2 holdings are positive for P.pneumotropica so PCR testing for this bacteria is not conducted. Testing by culture of colony mice in Aug 23 demon*

Location- Standard barrier level 1

Client Strains - Biobubbles 5 & 7

	Aug-22	Nov-22	Feb-23	May-23	Aug-23	Past 18mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Mouse Rotavirus	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Theiler's Encephalomyelitis virus	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Mouse Norovirus	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Ectromelia	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Hantavirus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
LCMV	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Polyoma Virus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Reovirus Type 3	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Sendai Virus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
K Virus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
MKPV	NT	NT	0/20	NT	NT	0/20	SBS/CM	PCR
Bacteria								
Mycoplasma pulmonis	0/19	0/20	0/20	0/20	0/19	0/117	SBS/EAD	Serology/PCR
Helicobacter spp	0/19	0/20	0/20	0/20	0/19	0/117	SBS/CM	PCR
CAR Bacillus	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Clostridium piliforme	0/19	NT	0/20	NT	NT	0/39	SBS	Serology
Bordetella bronchiseptica	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Citrobacter rodentium	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Corynebacterium bovis	0/19	NT	0/20	NT	0/19	0/58	EAD	PCR
Corynebacterium kutscheri	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Klebsiella oxytoca	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Klebsiella pneumoniae	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Pasteurella pneumotropica	0/19	0/20	0/20	0/20	0/19	0/117	EAD/CE	PCR
Other Pasteurellaceae	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Pseudomonas aeruginosa	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Proteus mirabilis	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Salmonella spp	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Staphylococcus aureus	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Streptococcus pneumoniae	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Beta-hemolytic Streptococcus	0/19	NT	0/20	NT	0/19	0/58	SBS/CM	Culture
Parasites								
Fur mites	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Syphacia spp	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Aspicularis tetraptera	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Giardia muris	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Spiroplasma muris	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Cryptosporidium	0/19	0/20	0/20	0/20	0/19	0/117	EAD	PCR
Encephalitozoon cuniculi	NT	NT	0/20	NT	NT	0/20	SBS	Serology
Fungi								
Pneumocystis murina	0/3	NT	0/3	NT	0/19	0/25	SBS/EAD	PCR
Testing laboratory	Compath & GMG		Compath & GMG		Compath & GMG		Compath & GMG	
Lab report nos.	Screen1439	1471	1509	1561	1601			

Compilation of the results from external specialist laboratories - Compath and GMG. Compath is accredited under ISO 9001 and GMG is NATA accredited under ISO 17025 & 15189

Sampling System Used

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

Location- Maximum barrier

Client strains - Biobubble 1 & Bubble 6

	Aug-22	Nov-22	Feb-23	May-23	Aug-23	Past 18 mths	Sample System	Test method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR

Australian BioResources
Final Health Screening Summary Report- Client Strains



Mouse Rotavirus	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Theiler's Encephalomyelitis virus	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Mouse Norovirus	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Ectromelia	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Hantavirus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
LCMV	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Polyoma Virus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Reovirus Type 3	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Sendai Virus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
K Virus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
MKPV	NT	NT	0/22	NT	NT	0/22	SBS/CM	PCR
Bacteria								
Mycoplasma pulmonis	0/21	0/22	0/22	0/22	0/22	0/130	SBS	Serology
Helicobacter spp	0/21	0/22	0/22	0/22	0/22	0/130	SBS/EAD	PCR
CAR Bacillus	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Clostridium piliforme	0/21	NT	0/22	NT	NT	0/43	SBS	Serology
Bordetella bronchiseptica	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Citrobacter rodentium	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Corynebacterium bovis	0/21	NT	0/22	NT	0/22	0/65	EAD	PCR
Corynebacterium kutscheri	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Klebsiella oxytoca	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Klebsiella pneumoniae	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Pasteurella pneumotropica	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Other Pasteurellaceae	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Pseudomonas aeruginosa	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Proteus mirabilis	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Salmonella spp	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Staphylococcus aureus	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Streptococcus pneumoniae	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Beta-haemolytic Streptococcus	0/21	NT	0/22	NT	0/22	0/65	SBS	Culture
Parasites								
Fur mites	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Syphacia spp	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Aspicularis tetraptera	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Giardia muris	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Spironucleus muris	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Cryptosporidium	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Encephalitozoon cuniculi	NT	NT	0/22	NT	NT	0/22	SBS	Serology
Fungi								
Pneumocystis murina	0/3	NT	0/2	NT	0/22	0/29	SBS(nude)	PCR Lung
Testing laboratory								
	Compath & GMG Screen	Compath & GMG Screen	Compath & GMG Screen	Compath & GMG Screen	Compath & GMG Screen			
Lab report nos.	1438	1468	1508	1559	1597			

Compilation of the results from external specialist laboratories - Compath and GMG. Compath is accredited under ISO 9001 and GMG is NATA accredited under ISO 17025 & 15189

Sampling System Used

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