

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 2

Client Strains - Biobubbles 3, 4, 9

	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Mouse Parvovirus	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Minute Virus of Mice	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Mouse Rotavirus	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Theiler`s Encephalomyelitis virus	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Mouse Norovirus	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Pneumonia Virus of Mice	0/33	NT	NT	NT	NT	0/33	0/66	EAD	PCR
Adenovirus Type 1&2	NT	NT	NT	NT	NT	NT	0/0	SBS	Serology
Ectromelia	NT	NT	NT	NT	NT	0/33	0/0	EAD	PCR
Hantavirus	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
LCMV	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
Murine Cytomegalovirus	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
Polyoma Virus	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
Reovirus Type 3	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
Sendai Virus	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR
K Virus	NT	NT	NT	NT	NT	0/33	0/33	EAD	EIA
MKPV	NT	NT	NT	NT	NT	0/33	0/33	EAD	PCR

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Bacteria

Mycoplasma pulmonis	0/33	NT	NT	NT	NT	0/33	0/66	EAD	PCR
Helicobacter spp	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
CAR Bacillus	NT	NT	NT	NT	N/T	0/33	0/33	EAD	PCR
Clostridium piliforme	NT	NT	NT	NT	N/T	0/33	0/33	EAD	PCR
Bordetella bronchiseptica	0/33	NT	0/62	NT	N/T	N/T	0/95	SBS/CM	Culture
Citrobacter rodentium	0/33	NT	0/62	NT	N/T	0/33	0/128	EAD	PCR
Corynebacterium kutscheri	0/33	NT	0/62	NT	N/T	0/33	0/128	EAD	PCR
Klebsiella oxytoca	0/33	NT	0/62	NT	N/T	0/33	0/128	EAD	PCR
Klebsiella pneumoniae	0/33	NT	0/62	NT	N/T	NT	0/98	EAD	PCR
Pasteurella pneumotropica	20/13	NT	36/27	NT	48/16	33/0	137/56	EAD	PCR
Other Pasteurellaceae	0/33	NT	0/62	NT	N/T	NT	0/95	EAD	PCR
Pseudomonas aeruginosa	0/33	NT	0/62	NT	N/T	NT	0/95	CM	Culture
Proteus mirabilis	0/33	NT	0/62	NT	N/T	NT	0/95	SBS/CM	Culture
Salmonella spp.	0/33	NT	NT	NT	N/T	0/33	0/66	EAD	PCR
Staphylococcus aureus	*5/61	*1/33	* See notes	0/33	0/33	0/33	*See notes	EAD	PCR
Streptococcus pneumoniae	0/33	NT	NT	NT	NT	0/33	0/66	SBS/CM	Culture
Streptococcus moniliformis						0/33	0/33	EAD	PCR
Beta-haemolytic Streptococcus	0/33	NT	NT	NT	NT	NT	0/33	SBS/CM	Culture

Parasites

Fur mites	0/33	0/33	0/33	0/33	0/33	0/33	0/165	EAD	PCR
Syphacia spp	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Aspicularis tetraptera	0/33	0/33	0/33	0/33	0/33	0/33	0/198	EAD	PCR
Giardia muris	0/33	NT	NT	0/33	N/T	0/33	0/99	EAD	PCR
Spironucleus muris	0/33	NT	NT	0/33	N/T	0/33	0/99	EAD	PCR
Cryptosporidium	0/33	NT	NT	NT	N/T	0/33	0/66	EAD	PCR

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Encephalitozoon cuniculi

	NT	NT	NT	NT	N/T	0/33	0/33	EAD	EIA
Testing laboratory	Compath & GMG	GMG	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG			
Lab report nos.	Screen 1934	Screen 2087	Screen 2185	Screen 2381	Screen 2506	Screen 2585			

*Notes-

All client strains are free from Saureus

Sampling System Used

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

Location- Standard barrier level 1

Client Strains - Biobubbles 5 & 7

	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Past 18mths	Sample System	Test Method
Viruses	pos-neg	pos-neg	pos-neg	pos-neg	pos-neg	pos-neg	pos/neg		
Mouse Hepatitis Virus	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Mouse Parvovirus	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Minute Virus of Mice	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Mouse Rotavirus	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Theiler`s Encephalomyelitis virus	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Mouse Norovirus	0/18	0/18	0/18	0/18	0/18	0/18	0/108	EAD	PCR
Pneumonia Virus of Mice	0/18	0/18	NT	0/18	N/T	N/T	0/36	EAD	PCR
Adenovirus Type 1&2	NT	NT	NT	NT	N/T	N/T	0/0	SBS	Serology
Ectromelia	NT	NT	NT	NT	N/T	N/T	0/0	SBS	Serology
Hantavirus	NT	NT	NT	NT	N/T	N/T	0/0	SBS	Serology

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LCMV	NT	NT	NT	0/18	N/T	N/T	0/18	EAD	PCR
Murine Cytomegalovirus	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Polyoma Virus	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Reovirus Type 3	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Sendai Virus	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
K Virus	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	EIA
MKPV	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Bacteria									
Mycoplasma pulmonis	0/18	0/18	NT	0/18	N/T	N/T	0/93	EAD	PCR
Helicobacter spp	0/18	0/18	0/18	0/18	0/18	0/18	0/111	EAD	PCR
CAR Bacillus	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Clostridium piliforme	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	PCR
Bordetella bronchiseptica	0/18	NT	NT	0/18	N/T	N/T	0/37	CM	Culture
Citrobacter rodentium	0/18	NT	NT	0/18	N/T	N/T	0/37	EAD	PCR
Corynebacterium bovis	0/18	NT	NT	0/18	N/T	0/18	0/37	EAD	PCR
Corynebacterium kutscheri	0/18	NT	NT	0/18	N/T	N/T	0/37	CM/EAD	Culture/PCR
Klebsiella oxytoca	0/18	NT	NT	0/18	N/T	N/T	0/37	CM/EAD	Culture/PCR
Klebsiella pneumoniae	0/18	NT	NT	0/18	N/T	N/T	0/37	CM	Culture
Pasteurella pneumotropica	0/18	0/18	0/18	0/18	0/18	1/17	0/111	CM/EAD	Culture/PCR
Other Pasteurellaceae	4/14	NT	NT	0/18	N/T	0/33	4/33	CM	Culture
Pseudomonas aeruginosa	0/18	NT	NT	0/18	N/T	0/33	0/37	CM	Culture
Proteus mirabilis	0/18	NT	NT	0/18	N/T	0/33	0/37	CM	Culture
Salmonella spp	0/18	NT	NT	0/18	N/T	N/T	0/37	EAD	PCR
Staphylococcus aureus	*1/35	0/18	*See notes	*See notes	0/18	0/18	*See notes	CM/EAD	Culture/PCR
Streptococcus pneumoniae	0/18	NT	NT	0/18	NT	0/33	0/37	CM/EAD	Culture/PCR
Beta-haemolytic Streptococcus	0/18	NT	NT	0/18	N/T	0/33	0/37	CM	Culture

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Parasites

Fur mites	0/18	0/18	0/18	0/18	0/18	0/18	0/111	EAD	PCR
Syphacia spp	0/18	0/18	0/18	0/18	0/18	0/18	0/111	EAD	PCR
Aspicularis tetraptera	0/18	0/18	0/18	0/18	0/18	0/18	0/111	EAD	PCR
Giardia muris	0/18	0/18	NT	0/18	N/T	N/T	0/93	EAD	PCR
Spirotrunculus muris	0/18	0/18	NT	0/18	N/T	N/T	0/93	EAD	PCR
Cryptosporidium	0/18	0/18	NT	0/18	N/T	N/T	0/93	EAD	PCR
Encephalitozoon cuniculi	NT	NT	NT	0/18	N/T	N/T	0/19	EAD	EIA

Fungi

Pneumocystis murina	0/18	NT	NT	0/18	N/T	0/18	0/37	EAD	PCR
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Testing laboratory	Compath & GMG Screens	Compath & GMG Screen	GMG Screen	Compath & GMG Screen	Compath & GMG Screen	Compath & GMG Screen
Lab report nos.	1933 & 1964	2088	2185	2379	2507	2586

*Notes-

All client strains are free from Saureus

Sampling System Used

Soiled Bedding Sentinel (SBS)

Exhaust Air Duct (EAD)

Colony mice (CM)

Cage exhaust (CE)

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Location- Maximum barrier

Client strains - Biobubble 1 & Bubble 6

	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Past 18 mths	Sample	
								System	Test method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Mouse Parvovirus	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Minute Virus of Mice	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Mouse Rotavirus	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Theiler`s Encephalomyelitis virus	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Mouse Norovirus	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Pneumonia Virus of Mice	0/21	0/21	NT	0/22	N/T	0/22	0/86	EAD	PCR
Adenovirus Type 1&2	NT	NT	NT	NT	N/T	0/22	0/22	SBS	Serology
Ectromelia	NT	NT	NT	NT	N/T	0/22	0/22	SBS	Serology
Hantavirus	NT	NT	NT	NT	N/T	NT	0/0	SBS	Serology
LCMV	NT	NT	NT	0/22	N/T	NT	0/22	EAD	PCR
Murine Cytomegalovirus	NT	NT	NT	0/22	N/T	NT	0/22	EAD	PCR
Polyoma Virus	NT	NT	NT	0/22	N/T	NT	0/44	EAD	PCR
Reovirus Type 3	NT	NT	NT	0/22	N/T	NT	0/44	EAD	PCR
Sendai Virus	NT	NT	NT	0/22	N/T	0/22	0/44	EAD	PCR
K Virus	NT	NT	NT	0/22	N/T	NT	0/44	EAD	EIA
MKPV	NT	NT	NT	0/22	N/T	0/22	0/66	EAD	PCR

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Bacteria

Mycoplasma pulmonis	0/21	0/21	NT	0/22	N/T	0/22	0/86	EAD	PCR
Helicobacter spp	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
CAR Bacillus	NT	NT	NT	0/22	N/T	NT	0/22	EAD	Serology
Clostridium piliforme	NT	NT	NT	0/22	N/T	NT	0/22	EAD	Serology
Bordetella bronchiseptica	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture
Citrobacter rodentium	0/21	NT	NT	0/22	N/T	NT	0/43	EAD	Culture
Corynebacterium bovis	0/21	NT	NT	0/22	N/T	0/22		EAD	PCR
Corynebacterium kutscheri	0/21	NT	NT	0/22	N/T	0/22	0/65	CM/EAD	Culture/ PCR
Klebsiella oxytoca	0/21	NT	NT	0/22	N/T	0/22	0/65	CM/EAD	Culture/ PCR
Klebsiella pneumoniae	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture
Pasteurella pneumotropica	0/21	0/21	0/22	3/19	0/22	0/22	3/127	CM/EAD	PCR/PCR
Other Pasteurellaceae	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture
Pseudomonas aeruginosa	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture
Proteus mirabilis	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture
Salmonella spp	0/21	NT	NT	0/22	N/T	NT	0/43	EAD	PCR
Staphylococcus aureus	10/32	2/19	*See notes	*See notes	0/22	0/44	*See notes	CM/EAD	Culture/ PCR
Streptococcus pneumoniae	0/21	NT	NT	0/22	N/T	0/22	0/65	CM/EAD	Culture
Beta-haemolytic Streptococcus	0/21	NT	NT	0/22	N/T	0/22	0/65	CM	Culture

Parasites

Fur mites	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Syphacia spp	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Aspicularis tetraptera	0/21	0/21	0/22	0/22	0/22	0/22	0/130	EAD	PCR
Giardia muris	0/21	0/21	NT	0/22	NT	0/22	0/130	EAD	PCR
Spironucleus muris	0/21	0/21	NT	0/22	NT	0/22	0/130	EAD	PCR
Cryptosporidium	0/21	0/21	NT	0/22	NT	NT	0/64	EAD	PCR
Encephalitozoon cuniculi	NT	NT	NT	0/22	NT	NT	0/22	EAD	EIA

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Fungi

Pneumocystis murina	0/21	NT	NT	0/22	N/T	0/22	0/43	EAD	PCR
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Testing laboratory	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG	Compath & GMG
Lab report nos.	1932	2089	2186	2378	2508	2588

*Notes-

All client strains are free from Saureus

Sampling System Used

Soiled Bedding Sentinel (SBS)

Exhaust Air Duct (EAD)

Colony mice (CM)

Cage exhausts (CE)