

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 2

Client Strains - Biobubbles 3, 4 ,8, 9 & Rm 16

	Aug-18	Nov-18	Feb-19	May-19	Past 12 mths	Sample System	Sample Type
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Mouse Parvovirus	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Minute Virus of Mice	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Mouse Rotavirus	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Theiler's Encephalomyelitis virus	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Mouse Norovirus	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Pneumonia Virus of Mice	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Adenovirus Type 1&2	0/52	NT	0/51	NT	0/103	SBS	Serology
Ectromelia	0/52	NT	0/51	NT	0/103	SBS	Serology
Hantavirus	NT	NT	0/51	NT	0/51	SBS	Serology
LCMV	0/52	NT	0/51	NT	0/103	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/51	NT	0/51	SBS	Serology
Polyoma Virus	NT	NT	0/51	NT	0/51	SBS	Serology
Reovirus Type 3	0/52	NT	0/51	NT	0/103	SBS	Serology
Sendai Virus	0/52	0/51	0/51	NT	0/205	SBS	Serology
K Virus	NT	NT	0/51	NT	0/51	SBS	Serology
Bacteria							
Mycoplasma pulmonis	0/52	0/51	0/51	0/51	0/205	SBS	Serology
Helicobacter spp	0/52	0/51	0/51	0/51	0/205	EAD/SBS/CM	PCR
Citrobacter rodentium	0/52	NT	0/51	NT	0/103	SBS	Culture
Staphylococcus aureus	0/52	NT	0/51	NT	0/103	SBS	Culture
Pseudomonas aeruginosa	0/52	NT	0/51	NT	0/103	SBS	Culture
Pasteurella pneumotropica	NT	NT	NT	NT	*NT	EAD/CM	PCR
CAR Bacillus	NT	NT	0/51	NT	0/51	SBS	Serology
Clostridium piliforme	NT	NT	0/51	NT	0/51	SBS	Serology
Corynebacterium kutscheri	0/52	NT	0/51	NT	0/103	SBS	Culture
Klebsiella pneumoniae	0/52	NT	0/51	NT	0/103	SBS	Culture
Klebsiella oxytoca	0/52	NT	0/51	NT	0/103	SBS	Culture
Salmonella spp.	0/52	NT	0/51	NT	0/103	SBS	Culture
Streptococcus pneumoniae	NT	NT	0/51	NT	0/51	SBS	Culture
Parasites							
Ectoparasites	0/52	NT	0/51	0/51	0/103	EAD	PCR
Syphacia spp	0/52	0/51	0/51	0/51	0/205	EAD	PCR
Aspicularis tetraptera	0/52	0/51	0/51	0/51	0/205	EAD	PCR
Giardia muris	0/52	NT	0/51	NT	0/103	EAD	PCR
Spironucleus muris	0/52	NT	0/51	NT	0/103	EAD	PCR
Encephalitozoon cuniculi	NT	NT	0/51	NT	0/51	EAD	Serology

		Cerberus	Cerberus	Compath
Testing laboratory	Compath	Sciences	Sciences	& GMG
	ABR 65,		ABR	ABR 36
Lab report nos.	76, 79	ABR 86	15/16	& 37

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

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

Notes-

1. When EAD is used, final results are not reported until follow up testing is concluded. This extremely sensitive test is subject to environmental contamination
2. P.pneumotropica was detected in client strain bubbles on rack exhausts during Feb-18.
3. Between Feb-18 & May-18 extensive testing of individual lines for P.pneumotropica was conducted.
4. P.pneumotropica screening did not take place following May-18 as these biobubbles are assumed to be P.pneumotropica positive

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 1

Client Strains - Biobubble 6

	Aug-18	Nov-18	Feb-19	May-19	Past 18 mths	System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	
Viruses							
Mouse Hepatitis Virus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Mouse Parvovirus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Minute Virus of Mice	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Mouse Rotavirus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Theiler's Encephalomyelitis virus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Mouse Norovirus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Pneumonia Virus of Mice	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Adenovirus Type 1&2	0/11	NT	0/11	NT	0/33	SBS	Serology
Ectromelia	0/11	NT	0/11	NT	0/33	SBS	Serology
Hantavirus	NT	NT	0/11	NT	0/22	SBS	Serology
LCMV	0/11	NT	0/11	NT	0/33	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/11	NT	0/22	SBS	Serology
Polyoma Virus	NT	NT	0/11	NT	0/22	SBS	Serology
Reovirus Type 3	0/11	NT	0/11	NT	0/22	SBS	Serology
Sendai Virus	0/11	0/11	0/11	NT	0/66	SBS	Serology
K Virus	NT	NT	0/11	NT	0/22	SBS	Serology
Bacteria							
Mycoplasma pulmonis	0/11	0/11	0/11	0/11	0/66	SBS	Serology
Helicobacter spp	0/11	0/11	0/11	0/11	0/66	EAD/SBS/CM	PCR
Citrobacter rodentium	0/11	NT	0/11	NT	0/33	SBS	Culture
Staphylococcus aureus	0/11	NT	0/11	NT	0/33	SBS	Culture
Pseudomonas aeruginosa	0/11	NT	0/11	NT	0/33	SBS	Culture
Pasteurella pneumotropica	*5/83	*3/76	*1/76	0/11	*42/330	EAD/CM	PCR
CAR Bacillus	NT	NT	0/11	NT	0/22	SBS	Serology
Clostridium piliforme	NT	NT	0/11	NT	0/22	SBS	Serology
Corynebacterium kutscheri	NT	NT	0/11	NT	0/22	0/12	Culture
Klebsiella pneumoniae	0/11	NT	0/11	NT	0/33	SBS	Culture
Klebsiella oxytoca	0/11	NT	0/11	NT	0/33	SBS	Culture
Salmonella spp	0/11	NT	0/11	NT	0/33	SBS	Culture
Streptococcus pneumoniae	NT	NT	0/11	NT	0/22	SBS	Culture
Parasites							
Ectoparasites	0/11	NT	0/11	0/11	0/44	EAD	PCR
Syphacia spp	0/11	0/11	0/11	0/11	0/66	EAD	PCR
Aspicularis tetraptera	0/11	0/11	0/11	0/11	0/66	EAD	PCR
Giardia muris	0/11	NT	0/11	NT	0/33	EAD	PCR
Spiroplasma muris	0/11	NT	0/11	NT	0/33	EAD	PCR
Encephalitozoon cuniculi	NT	NT	0/11	NT	0/22	SBS	Serology

Testing laboratory	Compath	Cerberus	Cerberus	Compath
	ABR 65,	Sciences	Sciences	& GMG
Lab report nos.	76, 79	ABR 86,	ABR	ABR 36
		92 & 99	15,16	& 37

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Sampling System Used

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

Notes-

1. When EAD is used, final results are not reported until follow up testing is concluded. This extremely sensitive test is subject to environmental contamination
2. In bubble 6 extensive testing was undertaken to eradicate P.pneumotropica between Feb 18 and May 18. Any positive cages were removed to make this room negative for P.pneumotropica.
3. Thorough re-screening for P.pneumotropica in Aug, Nov & Feb19 has detected isolated positive results. Positive lines are removed from the area as soon as they are detected. All racks tested negative in May 19

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Maximum barrier

Client strains - Biobubble 1

As this biobubble was emptied & re-populated in May 2018 only testing after May 2018 is recorded

	Aug-18	Nov-18	Feb-19	May-19	Past 12 mths	Sample System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	
Viruses							
Mouse Hepatitis Virus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Mouse Parvovirus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Minute Virus of Mice	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Mouse Rotavirus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Theiler's Encephalomyelitis virus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Mouse Norovirus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Pneumonia Virus of Mice	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Adenovirus Type 1&2	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Ectromelia	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Hantavirus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
LCMV	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Murine Cytomegalovirus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Polyoma Virus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Reovirus Type 3	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Sendai Virus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
K Virus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
MKPV	NT	NT	0/7	NT	0/7		
Bacteria							
Mycoplasma pulmonis	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Helicobacter spp	0/2	0/7	0/7	0/7	0/23	EAD/SBS/CM	PCR
Citrobacter rodentium	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Staphylococcus aureus	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Pseudomonas aeruginosa	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Pasteurella pneumotropica	0/2	0/7	0/7	0/7	0/23	EAD/CM	PCR
CAR Bacillus	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Clostridium piliforme	0/2	0/7	0/7	0/7	0/23	SBS	Serology
Corynebacterium kutscheri	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Klebsiella pneumoniae	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Klebsiella oxytoca	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Salmonella spp	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Streptococcus pneumoniae	0/2	0/7	0/7	0/7	0/23	SBS	Culture
Parasites							
Ectoparasites	0/2	0/7	0/7	0/7	0/23	EAD	PCR
Syphacia spp	0/2	0/7	0/7	0/7	0/23	EAD	PCR
Aspicularis tetraptera	0/2	0/7	0/7	0/7	0/23	EAD	PCR
Giardia muris	0/2	0/7	0/7	0/7	0/23	EAD	PCR
Spironucleus muris	0/2	0/7	0/7	0/7	0/23	EAD	PCR
Encephalitozoon cuniculi	0/2	0/7	0/7	0/7	0/23	SBS	Serology

Testing laboratory	Compath	Cerberus	Cerberus	Compath
	ABR 65, 76, 79	ABR 86, 99	ABR 15,16	& GMG ABR 36 & 37
Lab report nos.				

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