

**Australian BioResources**  
**Final Health Screening Summary Report- Client Strains**



**Location- Standard barrier level 2**

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

Note- Biobubble 1 was emptied in May and mice moved to biobubbles 3, 4 & room 16

Aug figures do not include biobubble 1

	May-18	Aug-18	Nov-18	Feb-19	Past 12 mths	Sample System	Sample Type
<b>Viruses</b>	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Mouse Parvovirus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Minute Virus of Mice	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Mouse Rotavirus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Theiler's Encephalomyelitis virus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Mouse Norovirus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Pneumonia Virus of Mice	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Adenovirus Type 1&2	NT	0/52	NT	0/51	0/103	SBS	Serology
Ectromelia	NT	0/52	NT	0/51	0/103	SBS	Serology
Hantavirus	NT	NT	NT	0/51	0/51	SBS	Serology
LCMV	NT	0/52	NT	0/51	0/103	SBS	Serology
Murine Cytomegalovirus	NT	NT	NT	0/51	0/51	SBS	Serology
Polyoma Virus	NT	NT	NT	0/51	0/51	SBS	Serology
Reovirus Type 3	NT	0/52	NT	0/51	0/103	SBS	Serology
Sendai Virus	0/55	0/52	0/51	0/51	0/209	SBS	Serology
K Virus	NT	NT	NT	0/51	0/51	SBS	Serology
<b>Bacteria</b>							
Mycoplasma pulmonis	0/55	0/52	0/51	0/51	0/209	SBS	Serology
Helicobacter spp	0/55	0/52	0/51	0/51	0/209	EAD/SBS/CM	PCR
Citrobacter rodentium	NT	0/52	NT	0/51	0/103	SBS	Culture
Staphylococcus aureus	NT	0/52	NT	0/51	0/103	SBS	Culture
Pseudomonas aeruginosa	NT	0/52	NT	0/51	0/103	SBS	Culture
Pasteurella pneumotropica	*77/156	NT	NT	NT	*77/156	EAD/CM	PCR
CAR Bacillus	NT	NT	NT	0/51	0/51	SBS	Serology
Clostridium piliforme	NT	NT	NT	0/51	0/51	SBS	Serology
Corynebacterium kutscheri	NT	0/52	NT	0/51	0/103	SBS	Culture
Klebsiella pneumoniae	NT	0/52	NT	0/51	0/103	SBS	Culture
Klebsiella oxytoca	NT	0/52	NT	0/51	0/103	SBS	Culture
Salmonella spp.	NT	0/52	NT	0/51	0/103	SBS	Culture
Streptococcus pneumoniae	NT	NT	NT	0/51	0/51	SBS	Culture
<b>Parasites</b>							
Ectoparasites	NT	0/52	NT	0/51	0/103	SBS	RE/PCR
Syphacia spp	0/55	0/52	0/51	0/51	0/209	EAD	RE/PCR
Aspicularis tetraptera	0/55	0/52	0/51	0/51	0/209	EAD	RE/PCR
Giardia muris	NT	0/52	NT	0/51	0/103	SBS	RE/PCR
Spiroplasma muris	NT	0/52	NT	0/51	0/103	SBS	RE/PCR
Encephalitozoon cuniculi	NT	NT	NT	0/51	0/51	SBS	Serology

<b>Testing laboratory</b>	Cerberus Sciences	Compath ABR 65,	Cerberus Sciences	Cerberus Sciences
Lab report nos.	45	76, 79	ABR 86	15/16

**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.
3. Between Feb & May extensive testing of individual lines for P.pneumotropica was conducted.
4. P.pneumotropica screening did not take place following May as these biobubbles are assumed to be P.pneumotropica positiv

**Australian BioResources**  
**Final Health Screening Summary Report- Client Strains**



Location- Standard barrier level 1

**Client Strains - Biobubble 6**

	May-18	Aug-18	Nov-18	Feb-19	Past 18 mths	System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	
<b>Viruses</b>							
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	NT	0/11	NT	0/11	0/33	SBS	Serology
Ectromelia	NT	0/11	NT	0/11	0/33	SBS	Serology
Hantavirus	NT	NT	NT	0/11	0/22	SBS	Serology
LCMV	NT	0/11	NT	0/11	0/33	SBS	Serology
Murine Cytomegalovirus	NT	NT	NT	0/11	0/22	SBS	Serology
Polyoma Virus	NT	NT	NT	0/11	0/22	SBS	Serology
Reovirus Type 3	NT	0/11	NT	0/11	0/22	SBS	Serology
Sendai Virus	0/11	0/11	0/11	0/11	0/66	SBS	Serology
K Virus	NT	NT	NT	0/11	0/22	SBS	Serology
<b>Bacteria</b>							
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	NT	0/11	NT	0/11	0/33	SBS	Culture
Staphylococcus aureus	NT	0/11	NT	0/11	0/33	SBS	Culture
Pseudomonas aeruginosa	NT	0/11	NT	0/11	0/33	SBS	Culture
Pasteurella pneumotropica	*9/62	*5/83	*3/76	*1/76	*53/352	EAD/CM	PCR
CAR Bacillus	NT	NT	NT	0/11	0/22	SBS	Serology
Clostridium piliforme	NT	NT	NT	0/11	0/22	SBS	Serology
Corynebacterium kutscheri	NT	NT	NT	0/11	0/22	0/12	Culture
Klebsiella pneumoniae	NT	0/11	NT	0/11	0/33	SBS	Culture
Klebsiella oxytoca	NT	0/11	NT	0/11	0/33	SBS	Culture
Salmonella spp	NT	0/11	NT	0/11	0/33	SBS	Culture
Streptococcus pneumoniae	NT	NT	NT	0/11	0/22	SBS	Culture
<b>Parasites</b>							
Ectoparasites	NT	0/11	NT	0/11	0/33	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	NT	0/11	NT	0/11	0/33	EAD	PCR
Spirochete muris	NT	0/11	NT	0/11	0/33	EAD	PCR
Encephalitozoon cuniculi	NT	NT	NT	0/11	0/22	SBS	Serology

<b>Testing laboratory</b>	Cerberus	Cerberus	Cerberus
	Sciences	Compath	Sciences
Lab report nos.	ABR 39, 45	ABR 65, 76, 79	ABR 86, 92 & 99, 15,16

**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. In bubble 6 extensive testing was undertaken to eradicate P.pneumotropica between Feb and May. 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.

**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

Viruses	May-18	Aug-18	Nov-18	Feb-19	Past 12 mths	Sample System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	
Mouse Hepatitis Virus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Mouse Parvovirus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Minute Virus of Mice	NA	0/2	0/7	0/7	0/16	SBS	Serology
Mouse Rotavirus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Theiler's Encephalomyelitis virus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Mouse Norovirus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Pneumonia Virus of Mice	NA	0/2	0/7	0/7	0/16	SBS	Serology
Adenovirus Type 1&2	NA	0/2	0/7	0/7	0/16	SBS	Serology
Ectromelia	NA	0/2	0/7	0/7	0/16	SBS	Serology
Hantavirus	NA	0/2	0/7	0/7	0/16	SBS	Serology
LCMV	NA	0/2	0/7	0/7	0/16	SBS	Serology
Murine Cytomegalovirus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Polyoma Virus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Reovirus Type 3	NA	0/2	0/7	0/7	0/16	SBS	Serology
Sendai Virus	NA	0/2	0/7	0/7	0/16	SBS	Serology
K Virus	NA	0/2	0/7	0/7	0/16	SBS	Serology
MKPV	NT	NT	NT	0/7	0/7		
<b>Bacteria</b>							
Mycoplasma pulmonis	NA	0/2	0/7	0/7	0/16	SBS	Serology
Helicobacter spp	NA	0/2	0/7	0/7	0/16	EAD/SBS/CM	PCR
Citrobacter rodentium	NA	0/2	0/7	0/7	0/16	SBS	Culture
Staphylococcus aureus	NA	0/2	0/7	0/7	0/16	SBS	Culture
Pseudomonas aeruginosa	NA	0/2	0/7	0/7	0/16	SBS	Culture
Pasteurella pneumotropica	NA	0/2	0/7	0/7	0/16	EAD/CM	PCR
CAR Bacillus	NA	0/2	0/7	0/7	0/16	SBS	Serology
Clostridium piliforme	NA	0/2	0/7	0/7	0/16	SBS	Serology
Corynebacterium kutscheri	NA	0/2	0/7	0/7	0/16	SBS	Culture
Klebsiella pneumoniae	NA	0/2	0/7	0/7	0/16	SBS	Culture
Klebsiella oxytoca	NA	0/2	0/7	0/7	0/16	SBS	Culture
Salmonella spp	NA	0/2	0/7	0/7	0/16	SBS	Culture
Streptococcus pneumoniae	NA	0/2	0/7	0/7	0/16	SBS	Culture
<b>Parasites</b>							
Ectoparasites	NA	0/2	0/7	0/7	0/16	EAD	PCR
Syphacia spp	NA	0/2	0/7	0/7	0/16	EAD	PCR
Aspicularis tetraptera	NA	0/2	0/7	0/7	0/16	EAD	PCR
Giardia muris	NA	0/2	0/7	0/7	0/16	EAD	PCR
Spironucleus muris	NA	0/2	0/7	0/7	0/16	EAD	PCR
Encephalitozoon cuniculi	NA	0/2	0/7	0/7	0/16	SBS	Serology

Testing laboratory	Cerberus	Cerberus	Cerberus
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