

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 2

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

	May-21	Aug-21	Nov-21	Feb-22	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Mouse Rotavirus	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Theiler's Encephalomyelitis virus	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Mouse Norovirus	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/50	0/50	0/47	0/48	0/295	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	0/50	NT	0/48	0/148	SBS	Serology
Ectromelia	NT	0/50	NT	0/48	0/148	SBS	Serology
Hantavirus	NT	NT	NT	0/48	0/98	SBS	Serology
LCMV	NT	0/50	NT	0/48	0/148	SBS	Serology
Murine Cytomegalovirus	NT	0/50	NT	0/48	0/148	SBS	Serology
Polyoma Virus	NT	NT	NT	0/48	0/98	SBS	Serology
Reovirus Type 3	NT	NT	NT	0/48	0/98	SBS	Serology
Sendai Virus	NT	0/50	NT	0/48	0/148	SBS	Serology
K Virus	NT	NT	NT	0/48	0/98	SBS	Serology
MKPV	NT	NT	NT	NT	NT	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/50	0/50	0/47	0/48	0/293	SBS/EAD	Serology/PCR
Helicobacter spp	0/50	0/50	0/47	0/48	0/293	SBS/CM	PCR
Citrobacter rodentium	NT	0/50	NT	0/48	0/148	SBS	Culture
Staphylococcus aureus	NT	0/50	NT	0/48	0/148	SBS	Culture
Pseudomonas aeruginosa	NT	0/50	NT	0/48	0/148	SBS	Culture
Pasteurella pneumotropica	*NT	*NT	*NT	*NT	*NT	EAD	PCR
CAR Bacillus	NT	NT	NT	0/48	0/98	SBS	Serology
Clostridium piliforme	NT	NT	NT	0/48	0/98	SBS	Serology
Corynebacterium kutscheri	NT	0/50	NT	0/48	0/148	SBS	Culture
Klebsiella pneumoniae	NT	0/50	NT	0/48	0/148	SBS	Culture
Klebsiella oxytoca	NT	0/50	NT	0/48	1/147	SBS	Culture
Salmonella spp.	NT	0/50	NT	0/48	0/148	SBS	Culture
Streptococcus pneumoniae	NT	0/50	NT	0/48	0/148	SBS	Culture
Parasites							
Fur mites	0/50	0/50	0/47	0/48	0/295	EAD	PCR
Syphacia spp	0/50	0/50	0/47	0/48	0/295	EAD	PCR
Aspicularis tetraptera	0/50	0/50	0/47	0/48	0/295	EAD	PCR
Giardia muris	0/50	0/50	0/47	0/48	0/295	EAD	PCR
Spiroplasma muris	0/50	0/50	0/47	0/48	0/295	EAD	PCR
Cryptosporidium				0/48	0/48	EAD	PCR
Encephalitozoon cuniculi	NT	NT	NT	0/48	0/98	SBS	Serology

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

Lab report nos. Screen 1163 Screen 1247 Screen 1313 Screens 1368 Screen 1368

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-Historically these holdings are positive for P.pneumotropica so PCR testing for this bacteria is not conducted*

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 1

Client Strains - Biobubble 7

	May-21	Aug-21	Nov-21	Feb-22	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Mouse Rotavirus	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Theiler's Encephalomyelitis virus	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Mouse Norovirus	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	0/11	NT	0/9	0/30	SBS	Serology
Ectromelia	NT	0/11	NT	0/9	0/30	SBS	Serology
Hantavirus	NT	NT	NT	0/9	0/19	SBS	Serology
LCMV	NT	0/11	NT	0/9	0/30	SBS	Serology
Murine Cytomegalovirus	NT	0/11	NT	0/9	0/30	SBS	Serology
Polyoma Virus	NT	NT	NT	0/9	0/19	SBS	Serology
Reovirus Type 3	NT	NT	NT	0/9	0/19	SBS	Serology
Sendai Virus	NT	0/11	NT	0/9	0/30	SBS	Serology
K Virus	NT	NT	NT	0/9	0/19	SBS	Serology
MKPV	NT	NT	NT	0/9	0/19	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/11	0/11	0/10	0/9	0/61	SBS/EAD	Serology/PCR
Helicobacter spp	0/11	0/10	0/10	0/9	0/61	SBS/CM	PCR
Citrobacter rodentium	NT	0/10	NT	0/9	0/29	SBS	Culture
Staphylococcus aureus	NT	0/10	NT	0/9	0/29	SBS	Culture
Pseudomonas aeruginosa	NT	0/10	NT	0/9	0/29	SBS	Culture
Pasteurella pneumotropica	*See notes	0/10	0/10	0/9	*See notes	EAD/CE	PCR
CAR Bacillus	NT	NT	NT	0/9	0/19	SBS	Serology
Clostridium piliforme	NT	NT	NT	0/9	0/19	SBS	Serology
Corynebacterium kutscheri	NT	0/10	NT	0/9	0/29	SBS	Culture
Corynebacterium bovis	NT	0/10	NT	0/9	0/29	EAD	PCR
Klebsiella pneumoniae	NT	0/10	NT	0/9	0/29	SBS	Culture
Klebsiella oxytoca	NT	0/10	NT	0/9	0/29	SBS	Culture
Salmonella spp	NT	0/10	NT	0/9	0/29	SBS	Culture
Streptococcus pneumoniae	NT	0/10	NT	0/9	0/29	SBS	Culture
Parasites							
Ectoparasites	0/11	0/10	0/10	0/9	0/61	EAD	PCR
Syphacia spp	0/11	0/10	0/10	0/9	0/61	EAD	PCR
Aspicularis tetraptera	0/11	0/10	0/10	0/9	0/61	EAD	PCR
Giardia muris	0/11	0/10	0/10	0/9	0/61	EAD	PCR
Spironucleus muris	0/11	0/10	0/10	0/9	0/61	EAD	PCR
Cryptosporidium				0/9	0/9	EAD	PCR
Encephalitozoon cuniculi	NT	NT	NT	0/9	0/19	SBS	Serology
Fungi							
Pneumocystis murina	NT	0/2	NT	0/2	0/4	SBS(nude)	PCR Lung

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

Lab report nos. Screen 1165 Screen 1250 Screen 1316 Screen 1366

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)

***Notes**

1.Lines that were moved from Biobubble 6 have been re-screened individually on a monthly basis using PCR on cage exhaust filters. Individual screening history for these former B6 lines is available on request

Australian BioResources
Final Health Screening Summary Report- Client Strains



Client Strains - Biobubble 5

Notes- Lines were moved into B5 between May and August 2020

	May-21	Aug-21	Nov-21	Feb-22	Past 18 mths	Sample System	Test method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Mouse Parvovirus	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Minute Virus of Mice	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Mouse Rotavirus	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Theiler's Encephalomyelitis virus	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Mouse Norovirus	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Pneumonia Virus of Mice	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Adenovirus Type 1&2	NT	0/10	NT	0/10	0/30	SBS	Serology
Ectromelia	NT	0/10	NT	0/10	0/30	SBS	Serology
Hantavirus	NT	NT	NT	0/10	0/20	SBS	Serology
LCMV	NT	0/10	NT	0/10	0/30	SBS	Serology
Murine Cytomegalovirus	NT	0/10	NT	0/10	0/30	SBS	Serology
Polyoma Virus	NT	NT	NT	0/10	0/20	SBS	Serology
Reovirus Type 3	NT	NT	NT	0/10	0/20	SBS	Serology
Sendai Virus	NT	0/10	NT	0/10	0/30	SBS	Serology
K Virus	NT	NT	NT	0/10	0/20	SBS	Serology
MKPV	NT	NT	NT	0/10	0/20	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/11	0/10	0/10	0/10	0/62	SBS	Serology
Helicobacter spp	0/11	0/10	0/10	0/10	0/62	SBS/EAD	Serology/PCR
Citrobacter rodentium	NT	0/10	NT	0/10	0/30	SBS	Culture
Staphylococcus aureus	NT	0/10	NT	0/10	0/30	SBS	Culture
Pseudomonas aeruginosa	NT	0/10	NT	0/10	0/30	SBS	Culture
Pasteurella pneumotropica	*See notes	0/10	*1/9	0/10	*See notes	EAD	PCR
CAR Bacillus	NT	NT	NT	0/10	0/20	SBS	Serology
Clostridium piliforme	NT	NT	NT	0/10	0/20	SBS	Serology
Corynebacterium kutscheri	NT	0/10	NT	0/10	0/30	SBS	Culture
Corynebacterium bovis	NT	0/10	NT	0/10	0/30	EAD	PCR
Klebsiella pneumoniae	NT	0/10	NT	0/10	0/30	SBS	Culture
Klebsiella oxytoca	NT	0/10	NT	0/10	0/30	SBS	Culture
Salmonella spp	NT	0/10	NT	0/10	0/30	SBS	Culture
Streptococcus pneumoniae	NT	0/10	NT	0/10	0/30	SBS	Culture
Parasites							
Ectoparasites	0/11	0/10	0/10	0/10	0/62	EAD	PCR
Syphacia spp	0/11	0/10	0/10	0/10	0/62	EAD	PCR
Aspicularis tetraptera	0/11	0/10	0/10	0/10	0/62	EAD	PCR
Giardia muris	0/11	0/10	0/10	0/10	0/62	EAD	PCR
Spiroplasma muris	0/11	0/10	0/10	0/10	0/62	EAD	PCR
Cryptosporidium				0/10	0/10	PCR	
Encephalitozoon cuniculi	NT	NT	NT	0/10	0/20	SBS	Serology
Fungi							
Pneumocystis murina	NT	0/1	NT	0/1	0/2	SBS(nude)	PCR Lung

Testing laboratory	Cerberus & GMG	Cerberus & GMG	Compath & GMG	Compath & GMG Screens 1366 & 1374
Lab report nos.	Screen 1165	Screen 1250	Screen 1316	1374

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Sampling System Used

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

Notes:

- Lines that were moved from Biobubble 6 in May have been re-screened individually on a monthly basis using PCR on cage exhaust filters. Individual screening history for these former B6 lines is available on request.
- Nov-21 - 1 positive result from EAD for P.pneumotropica. This was followed up with the individual screening of mouse lines - 2 x positive mouse lines were removed for rederivation. Follow up screening is planned.
- Feb 21- between Nov and Feb monthly screening for P.pneumotropica failed to detect any further infection. Feb EAD result for all racks was neg.

