

Australian BioResources
Final Health Screening Summary Report- Client Strains



Location- Standard barrier level 2

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

	Nov-20	Feb-21	May-21	Aug-21	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Mouse Parvovirus	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Minute Virus of Mice	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Mouse Rotavirus	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Theiler's Encephalomyelitis virus	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Mouse Norovirus	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Pneumonia Virus of Mice	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Adenovirus Type 1&2	NT	0/50	NT	0/50	0/288	SBS	Serology
Ectromelia	NT	0/50	NT	0/50	0/288	SBS	Serology
Hantavirus	NT	0/50	NT	NT	0/100	SBS	Serology
LCMV	NT	0/50	NT	0/50	0/145	SBS	Serology
Murine Cytomegalovirus	NT	0/50	NT	0/50	0/101	SBS	Serology
Polyoma Virus	NT	0/50	NT	NT	0/101	SBS	Serology
Reovirus Type 3	NT	0/50	NT	NT	0/145	SBS	Serology
Sendai Virus	0/48	0/50	NT	0/50	0/238	SBS	Serology
K Virus	NT	0/50	NT	NT	0/101	SBS	Serology
MKPV	NT	NT	NT	NT	NT	SBS/CM	
Bacteria							
Mycoplasma pulmonis	0/48	0/50	0/50	0/50	0/288	SBS	Serology
Helicobacter spp	0/48	0/50	0/50	0/50	0/288	SBS/CM	PCR
Citrobacter rodentium	NT	0/50	NT	0/50	0/145	SBS	Culture
Staphylococcus aureus	NT	0/50	NT	0/50	0/145	SBS	Culture
Pseudomonas aeruginosa	NT	0/50	NT	0/50	0/145	SBS	Culture
Pasteurella pneumotropica	*NT	*NT	*NT	*NT	*NT	EAD	PCR
CAR Bacillus	NT	0/50	NT	NT	0/95	SBS	Serology
Clostridium piliforme	NT	0/50	NT	NT	0/95	SBS	Serology
Corynebacterium kutscheri	NT	0/50	NT	0/50	0/145	SBS	Culture
Klebsiella pneumoniae	NT	0/50	NT	0/50	0/145	SBS	Culture
Klebsiella oxytoca	NT	1/49	NT	0/50	1/144	SBS	Culture
Salmonella spp.	NT	0/50	NT	0/50	0/145	SBS	Culture
Streptococcus pneumoniae	NT	0/50	NT	0/50	0/145	SBS	Culture
Parasites							
Ectoparasites	0/48	0/50	0/50	0/50	0/288	EAD	PCR
Syphacia spp	0/48	0/50	0/50	0/50	0/288	EAD	PCR
Aspicularis tetraptera	0/48	0/50	0/50	0/50	0/288	EAD	PCR
Giardia muris	0/48	0/50	0/50	0/50	0/288	EAD	PCR
Spiroplasma muris	0/48	0/50	0/50	0/50	0/288	EAD	PCR
Encephalitozoon cuniculi	NT	0/50	NT	NT	0/100	SBS	Serology

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

Lab report nos. ABR 159, 153 Screen 1059 Screen 1163 Screen 1247

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

	Sep-Oct/202	Feb-21	May-21	Aug-21	Past 18 mths	Sample System	Test Method
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Mouse Parvovirus	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Minute Virus of Mice	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Mouse Rotavirus	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Theiler's Encephalomyelitis virus	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Mouse Norovirus	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Pneumonia Virus of Mice	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Adenovirus Type 1&2	0/9	0/10	NT	0/11	0/29	SBS	Serology
Ectromelia	0/9	0/10	NT	0/11	0/29	SBS	Serology
Hantavirus	0/9	0/10	NT	NT	0/19	SBS	Serology
LCMV	0/9	0/10	NT	0/11	0/29	SBS	Serology
Murine Cytomegalovirus	0/9	0/10	NT	0/11	0/29	SBS	Serology
Polyoma Virus	0/9	0/10	NT	NT	0/19	SBS	Serology
Reovirus Type 3	0/9	0/10	NT	NT	0/19	SBS	Serology
Sendai Virus	0/9	0/10	NT	0/11	0/29	SBS	Serology
K Virus	0/9	0/10	NT	NT	0/19	SBS	Serology
MKPV	0/9	0/10	NT	NT	0/19	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/9	0/10	0/11	0/11	0/41	SBS	Serology
Helicobacter spp	0/9	0/10	0/11	0/10	0/41	SBS/CM	PCR
Citrobacter rodentium	0/9	0/10	NT	0/10	0/29	SBS	Culture
Staphylococcus aureus	0/9	0/10	NT	0/10	0/29	SBS	Culture
Pseudomonas aeruginosa	0/9	0/10	NT	0/10	0/29	SBS	Culture
Pasteurella pneumotropica	*28/54	0/10	*See notes	0/10	0/10	EAD/CE	PCR
CAR Bacillus	0/9	0/10	NT	NT	0/19	SBS	Serology
Clostridium piliforme	0/9	0/10	NT	NT	0/19	SBS	Serology
Corynebacterium kutscheri	0/9	0/10	NT	0/10	0/29	SBS	Culture
Corynebacterium bovis	0/9	0/10	NT	0/10	0/29	EAD	PCR
Klebsiella pneumoniae	0/9	0/10	NT	0/10	0/29	SBS	Culture
Klebsiella oxytoca	0/9	0/10	NT	0/10	0/29	SBS	Culture
Salmonella spp	0/9	0/10	NT	0/10	0/29	SBS	Culture
Streptococcus pneumoniae	0/9	0/10	NT	0/10	0/29	SBS	Culture
Parasites							
Ectoparasites	0/9	0/10	0/11	0/10	0/41	EAD	PCR
Syphacia spp	0/9	0/10	0/11	0/10	0/41	EAD	PCR
Aspicularis tetraptera	0/9	0/10	0/11	0/10	0/41	EAD	PCR
Giardia muris	0/9	0/10	0/11	0/10	0/41	EAD	PCR
Spiroplasma muris	0/9	0/10	0/11	0/10	0/41	EAD	PCR
Encephalitozoon cuniculi	0/9	0/10	NT	NT	0/19	SBS	Serology
Fungi							
Pneumocystis murina	NT	NT	NT	0/2	0/2	SBS(nude)	PCR Lung

Testing laboratory
Cerberus & Cerberus & Compath & Cerberus &
GMG GMG GMG GMG
ABR
122,124,125,
Lab report nos. 130,140,155 Screen 1062 Screen 1165 Screen 1250

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

	Sep-Oct/202	Feb-21	May-21	Aug-21	Past 18 mths	Sample System	Test method
Viruses							
Mouse Hepatitis Virus	pos/neg 0/5	pos/neg 0/10	pos/neg 0/11	pos/neg 0/10	pos/neg 0/36	SBS	Serology
Mouse Parvovirus	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Minute Virus of Mice	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Mouse Rotavirus	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Theiler`s Encephalomyelitis virus	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Mouse Norovirus	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Pneumonia Virus of Mice	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Adenovirus Type 1&2	0/5	0/10	NT	0/10	0/25	SBS	Serology
Ectromelia	0/5	0/10	NT	0/10	0/25	SBS	Serology
Hantavirus	0/5	0/10	NT	NT	0/15	SBS	Serology
LCMV	0/5	0/10	NT	0/10	0/25	SBS	Serology
Murine Cytomegalovirus	0/5	0/10	NT	0/10	0/25	SBS	Serology
Polyoma Virus	0/5	0/10	NT	NT	0/15	SBS	Serology
Reovirus Type 3	0/5	0/10	NT	NT	0/15	SBS	Serology
Sendai Virus	0/5	0/10	NT	0/10	0/25	SBS	Serology
K Virus	0/5	0/10	NT	NT	0/15	SBS	Serology
MKPV	0/5	0/10	NT	NT	0/15	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/5	0/10	0/11	0/10	0/36	SBS	Serology
Helicobacter spp	0/5	0/10	0/11	0/10	0/36	SBS/CM	PCR
Citrobacter rodentium	0/5	0/10	NT	0/10	0/25	SBS	Culture
Staphylococcus aureus	0/5	0/10	NT	0/10	0/25	SBS	Culture
Pseudomonas aeruginosa	0/5	0/10	NT	0/10	0/25	SBS	Culture
Pasteurella pneumotropica	0/11	*0/10	*See notes	0/10	0/31	EAD	PCR
CAR Bacillus	0/5	0/10	NT	NT	0/15	SBS	Serology
Clostridium piliforme	0/5	0/10	NT	NT	0/15	SBS	Serology
Corynebacterium kutscheri	0/5	0/10	NT	0/10	0/25	SBS	Culture
Corynebacterium bovis	0/5	0/10	NT	0/10	0/25	EAD	PCR
Klebsiella pneumoniae	0/5	0/10	NT	0/10	0/25	SBS	Culture
Klebsiella oxytoca	0/5	0/10	NT	0/10	0/25	SBS	Culture
Salmonella spp	0/5	0/10	NT	0/10	0/25	SBS	Culture
Streptococcus pneumoniae	0/5	0/10	NT	0/10	0/25	SBS	Culture
Parasites							
Ectoparasites	0/5	0/10	0/11	0/10	0/36	EAD	PCR
Syphacia spp	0/5	0/10	0/11	0/10	0/36	EAD	PCR
Aspicularis tetraptera	0/5	0/10	0/11	0/10	0/36	EAD	PCR
Giardia muris	0/5	0/10	0/11	0/10	0/36	EAD	PCR
Spiroplasma muris	0/5	0/10	0/11	0/10	0/36	EAD	PCR
Encephalitozoon cuniculi	0/5	0/10	NT	NT	0/15	SBS	Serology
Fungi							
Pneumocystis murina	NT	NT	NT	0/1	0/1	SBS(nude)	PCR Lung

Testing laboratory Cerberus & Cerberus & Cerberus & Cerberus &
 GMG GMG GMG GMG
 Lab report nos. ABR 129,169 Screen 1062 Screen 1165 Screen 1250

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Sampling System Used

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

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



Location- Maximum barrier

Client strains - Biohubble 1 & Bubble 6 from May-21

	Nov-20	Feb-21	May-21	Aug-21	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	0/14	0/16	0/70	SBS	Serology
Mouse Parvovirus	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Minute Virus of Mice	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Mouse Rotavirus	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Theiler's Encephalomyelitis virus	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Mouse Norovirus	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Pneumonia Virus of Mice	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Adenovirus Type 1&2	0/11	0/11	NT	0/16	0/56	SBS	Serology
Ectromelia	0/11	0/11	NT	0/16	0/56	SBS	Serology
Hantavirus	0/11	0/11	NT	NT	0/40	SBS	Serology
LCMV	0/11	0/11	NT	0/16	0/56	SBS	Serology
Murine Cytomegalovirus	0/11	0/11	NT	0/16	0/56	SBS	Serology
Polyoma Virus	0/11	0/11	NT	NT	0/40	SBS	Serology
Reovirus Type 3	0/11	0/11	NT	NT	0/40	SBS	Serology
Sendai Virus	0/11	0/11	NT	0/16	0/63	SBS	Serology
K Virus	0/11	0/11	NT	NT	0/40	SBS	Serology
MKPV	NT	0/11	NT	NT	0/20	SBS/CM	PCR
Bacteria							
Mycoplasma pulmonis	0/11	0/11	0/14	0/16	0/70	SBS	Serology
Helicobacter spp	0/11	0/11	0/14	0/16	0/70	SBS/CM	PCR
Citrobacter rodentium	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Staphylococcus aureus	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Pseudomonas aeruginosa	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Pasteurella pneumotropica	0/11	0/11	0/14	0/16	0/70	EAD	PCR
CAR Bacillus	0/11	0/11	0/14	NT	0/56	SBS	Serology
Clostridium piliforme	0/11	0/11	0/14	NT	0/56	SBS	Serology
Corynebacterium kutscheri	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Corynebacterium bovis	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Klebsiella pneumoniae	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Klebsiella oxytoca	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Salmonella spp	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Streptococcus pneumoniae	0/11	0/11	0/14	0/16	0/70	SBS	Culture
Parasites							
Ectoparasites	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Syphacia spp	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Aspicularis tetraptera	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Giardia muris	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Spiroplasma muris	0/11	0/11	0/14	0/16	0/70	EAD	PCR
Encephalitozoon cuniculi	0/11	0/11	NT	NT	0/40	SBS	Serology
Fungi							
Pneumocystis murina	NT	0/2	NT	0/1	0/3	SBS(nude)	PCR Lung

Testing laboratory
 Lab report nos. Cerberus & GMG Cerberus & GMG Compath & Cerberus Cerberus & Compath
 ABR 153, 159 Screen 1061 Screen 1164 Screen 1250

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Sampling System Used

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