

Australian BioResources
Health Screening Report - Client Strains



Client Strains - Biobubbles 1, 3, 4, 8, 9

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

Samples for biobubble 1 were collected prior to the move.

	Aug-17	Nov-17	Feb-18	May-18	Sample System	Sample Type
Viruses	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/54	0/54	0/54	0/55	SBS	Serology
Mouse Parvovirus	0/54	0/54	0/54	0/55	SBS	Serology
Minute Virus of Mice	0/54	0/54	0/54	0/55	SBS	Serology
Mouse Rotavirus	0/54	0/54	0/54	0/55	SBS	Serology
Theiler's Encephalomyelitis virus	0/54	0/54	0/54	0/55	SBS	Serology
Mouse Norovirus	0/54	0/54	0/54	0/55	SBS	Serology
Pneumonia Virus of Mice	0/54	0/54	0/54	0/55	SBS	Serology
Adenovirus Type 1&2	0/54	NT	0/54	NT	SBS	Serology
Ectromelia	0/54	NT	0/54	NT	SBS	Serology
Hantavirus	NT	NT	0/54	NT	SBS	Serology
LCMV	0/54	NT	0/54	NT	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/54	NT	SBS	Serology
Polyoma Virus	NT	NT	0/54	NT	SBS	Serology
Reovirus Type 3	0/54	NT	0/54	NT	SBS	Serology
Sendai Virus	0/54	NT	0/54	0/55	SBS	Serology
K Virus	NT	NT	0/54	NT	SBS	Serology
Bacteria						
Mycoplasma pulmonis	0/54	0/54	0/54	0/55	SBS	Serology
Helicobacter spp	0/54	0/54	0/54	0/55	RE	RE/PCR
Citrobacter rodentium	0/54	NT	0/54	NT	SBS	Culture
Staphylococcus aureus	0/54	NT	0/54	NT	SBS	Culture
Pseudomonas aeruginosa	0/54	NT	0/54	NT	SBS	Culture
Pasteurella pneumotropica	0/54	NT	35/55	77/156	CM/RE	Culture/PCR
CAR Bacillus	NT	NT	0/54	NT	SBS	Serology
Clostridium piliforme	NT	NT	0/54	NT	SBS	Serology
Corynebacterium kutscheri	0/54	NT	0/54	NT	SBS	Culture
Klebsiella pneumoniae	0/54	NT	0/54	NT	SBS	Culture
Streptococcus pneumoniae	0/54	NT	0/54	NT	SBS	Culture
Parasites						
Ectoparasites	0/54	NT	0/54	NT	SBS	RE/PCR
Syphacia spp	0/54	0/54	0/54	0/55	RE	RE/PCR
Aspicularis tetraptera	0/54	0/54	0/54	0/55	RE	RE/PCR
Giardia muris	0/54	NT	0/54	NT	SBS	RE/PCR
Entamoeba muris	0/54	NT	0/54	NT	SBS	RE/PCR
Spiroplasma muris	0/54	NT	0/54	NT	SBS	RE/PCR
Encephalitozoon cuniculi	NT	NT	0/54	NT	SBS	Serology

Notes-

1. P.pneumotropica was detected in client strain bubbles on rack exhausts during Feb.
2. Between Feb & May extensive testing of individual lines for P.pneumotropica was conducted.

Sampling System Used

1. Soiled Bedding Sentinel (SBS)
2. Rack Exhaust (RE)
3. Colony mice (CM)

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Client Strains - Biobubbles 6, 11

	Aug-17	Nov-17	Feb-18	May-18	System	Sample Type
Viruses	pos/neg	pos/neg	pos/neg	pos/neg		
Mouse Hepatitis Virus	0/12	0/12	0/12	0/12	SBS	Serology
Mouse Parvovirus	0/12	0/12	0/12	0/12	SBS	Serology
Minute Virus of Mice	0/12	0/12	0/12	0/12	SBS	Serology
Mouse Rotavirus	0/12	0/12	0/12	0/12	SBS	Serology
Theiler's Encephalomyelitis virus	0/12	0/12	0/12	0/12	SBS	Serology
Mouse Norovirus	0/12	0/12	0/12	0/12	SBS	Serology
Pneumonia Virus of Mice	0/12	0/12	0/12	0/12	SBS	Serology
Adenovirus Type 1&2	0/12	NT	0/12	NT	SBS	Serology
Ectromelia	0/12	NT	0/12	NT	SBS	Serology
Hantavirus	NT	NT	0/12	NT	SBS	Serology
LCMV	0/12	NT	0/12	NT	SBS	Serology
Murine Cytomegalovirus	NT	NT	0/12	NT	SBS	Serology
Polyoma Virus	NT	NT	0/12	NT	SBS	Serology
Reovirus Type 3	0/12	NT	0/12	NT	SBS	Serology
Sendai Virus	0/12	NT	0/12	0/12	SBS	Serology
K Virus	NT	NT	0/12	NT	SBS	Serology
Bacteria						
Mycoplasma pulmonis	0/12	0/12	0/12	0/12	SBS	Serology
Helicobacter spp	0/12	0/12	0/12	0/12	RE	RE/PCR
Citrobacter rodentium	0/12	NT	0/12	NT	SBS	Culture
Staphylococcus aureus	0/12	NT	0/12	NT	SBS	Culture
Pseudomonas aeruginosa	0/12	NT	0/12	NT	SBS	Culture
Pasteurella pneumotropica	0/12	NT	*6/27	*9/62	RE	RE/PCR
CAR Bacillus	NT	NT	0/12	NT	SBS	Serology
Clostridium piliforme	NT	NT	0/12	NT	SBS	Serology
Corynebacterium kutscheri	0/12	NT	0/12	NT	SBS	Culture
Klebsiella pneumoniae	0/12	NT	0/12	NT	SBS	Culture
Streptococcus pneumoniae	0/12	NT	0/12	NT	SBS	Culture
Parasites						
Ectoparasites	0/12	NT	0/12	NT	RE	RE/PCR
Syphacia spp	0/12	0/12	0/12	0/12	RE	RE/PCR
Aspicularis tetraptera	0/12	0/12	0/12	0/12	RE	RE/PCR
Giardia muris	0/12	NT	0/12	NT	RE	RE/PCR
Entamoeba muris	0/12	NT	0/12	NT	RE	RE/PCR
Spiroplasma muris	0/12	NT	0/12	NT	RE	RE/PCR
Encephalitozoon cuniculi	NT	NT	0/12	NT	SBS	Serology

***Notes-**

- In bubble 6 extensive testing was undertaken to eradicate P.pneumotropica between Feb and May. Any positive cages were removed & this room is now thought to be negative for P.pneumotropica.
- No P.pneumotropica has been detected in B11

Sampling System Used

- Soiled Bedding Sentinel (SBS)
- Rack Exhaust (RE)