

Australian BioResources
Health Screening Report - Client Strains



Location- Standard barrier level 2

Client Strains - Biobubbles 1, 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

	Nov-17	Feb-18	May-18	Aug-18	Sample System	Sample Type
	pos/neg	pos/neg	pos/neg	pos/neg		
Viruses						
Mouse Hepatitis Virus	0/54	0/54	0/55	0/52	SBS	Serology
Mouse Parvovirus	0/54	0/54	0/55	0/52	SBS	Serology
Minute Virus of Mice	0/54	0/54	0/55	0/52	SBS	Serology
Mouse Rotavirus	0/54	0/54	0/55	0/52	SBS	Serology
Theiler's Encephalomyelitis virus	0/54	0/54	0/55	0/52	SBS	Serology
Mouse Norovirus	0/54	0/54	0/55	0/52	SBS	Serology
Pneumonia Virus of Mice	0/54	0/54	0/55	0/52	SBS	Serology
Adenovirus Type 1&2	NT	0/54	NT	0/52	SBS	Serology
Ectromelia	NT	0/54	NT	0/52	SBS	Serology
Hantavirus	NT	0/54	NT	NT	SBS	Serology
LCMV	NT	0/54	NT	0/52	SBS	Serology
Murine Cytomegalovirus	NT	0/54	NT	NT	SBS	Serology
Polyoma Virus	NT	0/54	NT	NT	SBS	Serology
Reovirus Type 3	NT	0/54	NT	0/52	SBS	Serology
Sendai Virus	NT	0/54	0/55	0/52	SBS	Serology
K Virus	NT	0/54	NT	NT	SBS	Serology
Bacteria						
Mycoplasma pulmonis	0/54	0/54	0/55	0/52	SBS	Serology
Helicobacter spp	0/54	0/54	0/55	0/52	RE	PCR
Citrobacter rodentium	NT	0/54	NT	0/52	SBS	Culture
Staphylococcus aureus	NT	0/54	NT	0/52	SBS	Culture
Pseudomonas aeruginosa	NT	0/54	NT	0/52	SBS	Culture
Pasteurella pneumotropica	NT	*35/55	*77/156	NT	CM/RE	PCR
CAR Bacillus	NT	0/54	NT	NT	SBS	Serology
Clostridium piliforme	NT	0/54	NT	NT	SBS	Serology
Corynebacterium kutscheri	NT	0/54	NT	0/52	SBS	Culture
Klebsiella pneumoniae	NT	0/54	NT	0/52	SBS	Culture
Klebsiella oxytoca	NT	0/54	NT	0/52	SBS	Culture
Salmonella spp.	NT	0/54	NT	0/52	SBS	Culture
Streptococcus pneumoniae	NT	0/54	NT	NT	SBS	Culture
Parasites						
Ectoparasites	NT	0/54	NT	0/52	SBS	RE/PCR
Syphacia spp	0/54	0/54	0/55	0/52	RE	RE/PCR
Aspicularis tetraptera	0/54	0/54	0/55	0/52	RE	RE/PCR
Giardia muris	NT	0/54	NT	0/52	SBS	RE/PCR
Spiroplasma muris	NT	0/54	NT	0/52	SBS	RE/PCR
Encephalitozoon cuniculi	NT	0/54	NT	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.
3. P.pneumotropica screening did not take place in Aug as these biobubbles are assumed P.pneumotropica positive on the basis of previous screening.

Sampling System Used

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

Australian BioResources
Health Screening Report - Client Strains



Location - Standard barrier level 1

Client Strains - Biobubble 6

	Nov-17	Feb-18	May-18	Aug-18	System	Sample Type
Viruses	pos/neg	pos/neg	pos/neg	pos/neg	pos/neg	
Mouse Hepatitis Virus	0/11	0/11	0/11	0/11	SBS	Serology
Mouse Parvovirus	0/11	0/11	0/11	0/11	SBS	Serology
Minute Virus of Mice	0/11	0/11	0/11	0/11	SBS	Serology
Mouse Rotavirus	0/11	0/11	0/11	0/11	SBS	Serology
Theiler's Encephalomyelitis virus	0/11	0/11	0/11	0/11	SBS	Serology
Mouse Norovirus	0/11	0/11	0/11	0/11	SBS	Serology
Pneumonia Virus of Mice	0/11	0/11	0/11	0/11	SBS	Serology
Adenovirus Type 1&2	NT	0/11	NT	0/11	SBS	Serology
Ectromelia	NT	0/11	NT	0/11	SBS	Serology
Hantavirus	NT	0/11	NT	NT	SBS	Serology
LCMV	NT	0/11	NT	0/11	SBS	Serology
Murine Cytomegalovirus	NT	0/11	NT	NT	SBS	Serology
Polyoma Virus	NT	0/11	NT	NT	SBS	Serology
Reovirus Type 3	NT	0/11	NT	0/11	SBS	Serology
Sendai Virus	NT	0/11	0/11	0/11	SBS	Serology
K Virus	NT	0/11	NT	NT	SBS	Serology
Bacteria						
Mycoplasma pulmonis	0/11	0/11	0/11	0/11	SBS	Serology
Helicobacter spp	0/11	0/11	0/11	0/11	RE/SBS/CM	PCR
Citrobacter rodentium	NT	0/11	NT	0/11	SBS	Culture
Staphylococcus aureus	NT	0/11	NT	0/11	SBS	Culture
Pseudomonas aeruginosa	NT	0/11	NT	0/11	SBS	Culture
Pasteurella pneumotropica	NT	*6/27	*9/62	*5/83	RE/CM	PCR
CAR Bacillus	NT	0/11	NT	NT	SBS	Serology
Clostridium piliforme	NT	0/11	NT	NT	SBS	Serology
Corynebacterium kutscheri	NT	0/11	NT	NT	0/12	Culture
Klebsiella pneumoniae	NT	0/11	NT	0/11	SBS	Culture
Klebsiella oxytoca	NT	0/11	NT	0/11	SBS	Culture
Salmonella spp	NT	0/11	NT	0/11	SBS	Culture
Streptococcus pneumoniae	NT	0/11	NT	NT	SBS	Culture
Parasites						
Ectoparasites	NT	0/11	NT	0/11	RE	PCR
Syphacia spp	0/11	0/11	0/11	0/11	RE	PCR
Aspicularis tetraptera	0/11	0/11	0/11	0/11	RE	PCR
Giardia muris	NT	0/11	NT	0/11	RE	PCR
Spironucleus muris	NT	0/11	NT	0/11	RE	PCR
Encephalitozoon cuniculi	NT	0/11	NT	NT	SBS	Serology

***Notes-**

1. 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.

2. In a thorough re-screen for P.pneumotropica in Aug, 4 x positive mouse lines were detected and removed (total no. lines in B6 = 104) . The positive mouse lines were confined to 2 racks.

Sampling System Used

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

Australian BioResources
Health Screening Report - Client Strains



Location - Maximum barrier

Client strains - Biobubble 1

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

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