

Area 1: Biobubbles 7 & 11

Cage Type/Containment system

Sampling System Used	Cages/sentinel	Age at introduction	Age at sampling
1. Soiled Bedding Sentinel (SBS) [†]	Approx. 60	4 -6 wks	12-14 wks
2. Random Sample (RS)			

	May-10	Aug-10	Nov-10	Feb-11	Sample System	Sample Type	Test Type
	pos/neg	pos/neg	pos/neg	pos/neg			
Viruses							
Mouse Hepatitis Virus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Mouse Parvovirus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Minute Virus of Mice	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Mouse Rotavirus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Theiler's Encephalomyelitis virus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Mouse Norovirus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Pneumonia Virus of Mice	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Adenovirus Type 1&2	NT	0/7	NT	0/8	SBS	Serum	EIA/IFA
Ectromelia	NT	0/7	NT	0/8	SBS	Serum	EIA/IFA
Hantavirus	NT	NT	NT	0/8	SBS	Serum	EIA/IFA
LCMV	NT	0/7	NT	0/8	SBS	Serum	EIA/IFA
Murine Cytomegalovirus	NT	NT	NT	0/8	SBS	Serum	EIA/IFA
Polyoma Virus	NT	NT	NT	0/8	SBS	Serum	EIA/IFA
Reovirus Type 3	NT	0/7	NT	0/8	SBS	Serum	EIA/IFA
Sendai Virus	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Bacteria							
Mycoplasma pulmonis	0/5	0/7	0/8	0/8	SBS	Serum	EIA/IFA
Helicobacter spp	0/5	0/7	0/2	0/8	RS&SBS	Soiled Faec	PCR
Citrobacter rodentium	NT	0/7	NT	0/8	SBS	Caecum	Culture
Staphylococcus aureus	NT	0/7	NT	0/8	SBS	NT wash	Culture
Pseudomonas aeruginosa	NT	0/7	NT	0/8	SBS	Intestine	Culture
Streptococci (beta haem)	NT	0/7	NT	0/8	SBS	NT wash	Culture
Salmonella spp	NT	0/7	NT	0/8	SBS	Intestine	Culture
Pasteurella pneumotropica	NT	0/7	NT	0/8	SBS	NT wash	Culture
CAR Bacillus	NT	NT	NT	0/8	SBS	Serum	EIA/IFA
Clostridium piliforme	NT	NT	NT	0/8	SBS	Serum	EIA/IFA
Corynebacterium kutscheri	NT	0/7	NT	0/8	SBS	NT wash	Culture
Klebsiella pneumoniae	NT	0/7	NT	0/8	SBS	NT wash	Culture
Streptobacillus moniliformis	NT	0/7	NT	0/8	SBS	NT wash	Culture
Streptococcus pneumoniae	NT	0/7	NT	0/8	SBS	NT wash	Culture
Parasites							
Ectoparasites	0/5	0/7	NT	0/8	SBS	Pelage	TT/Visual
						Caecal contents & pooled faeces	
Syphacia spp	0/5	0/7	0/8	0/8	SBS	faeces	TT/FF/WM
						Caecal contents & pooled faeces	
Aspicularis spp	0/5	0/7	0/8	0/8	SBS	faeces	TT/FF/WM
Giardia spp	0/5	0/7	NT	0/8	SBS	Intestine	Wet Mount
Eimeria spp (intestinal)	0/5	0/7	NT	0/8	SBS	Intestine	Wet Mount
Spironucleus spp	0/5	0/7	NT	0/8	SBS	Intestine	Wet Mount
Cryptosporidium	0/5	0/7	NT	0/8	SBS	Intestine	Histo
Encephalitozoon cuniculi	NT	0/7	NT	0/8	SBS	Serum	EIA/IFA
Klossiella spp	0/5	0/7	NT	0/8	SBS	Intestine	Wet Mount
Hymenolepis nana	NT	0/7	NT	0/8	SBS	Intestine:Faec	FF/WM
Fungi							
Pneumocystis carinii	0/5	NT	NT	NT	RS	Lung	Histo:PCR

Area 2: Biobubbles	1,3, 4, 6, 8 & 9
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	May-10	Aug-10	Nov-10	Feb-11	Sample System	Sample Type	Test Type
	pos/neg	pos/neg	pos/neg	pos/neg			
Viruses							
Mouse Hepatitis Virus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Mouse Parvovirus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Minute Virus of Mice	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Mouse Rotavirus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Theiler's Encephalomyelitis virus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Mouse Norovirus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Pneumonia Virus of Mice	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Adenovirus Type 1&2	NT	0/59	NT	0/62	SBS	Serum	EIA/IFA
Ectromelia	NT	0/59	NT	0/62	SBS	Serum	EIA/IFA
Hantavirus	NT	NT	NT	0/62	SBS	Serum	EIA/IFA
LCMV	NT	0/59	NT	0/62	SBS	Serum	EIA/IFA
Murine Cytomegalovirus	NT	NT	NT	0/62	SBS	Serum	EIA/IFA
Polyoma Virus	NT	NT	NT	0/62	SBS	Serum	EIA/IFA
Reovirus Type 3	NT	0/59	NT	0/62	SBS	Serum	EIA/IFA
Sendai Virus	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Bacteria							
Mycoplasma pulmonis	0/52	0/59	0/61	0/62	SBS	Serum	EIA/IFA
Helicobacter spp	0/52	0/59	0/61	0/62	RS&SBS	ooled Faec	PCR
Citrobacter rodentium	NT	0/59	NT	0/62	SBS	Caecum	Culture
Staphylococcus aureus	NT	0/59	NT	0/62	SBS	NT wash	Culture
Pseudomonas aeruginosa	NT	0/59	NT	0/62	SBS	Intestine	Culture
Streptococci (beta haem)	NT	0/59	NT	0/62	SBS	NT wash	Culture
Salmonella spp	NT	0/59	NT	0/62	SBS	Intestine	Culture
Pasteurella pneumotropica	NT	0/59	NT	0/62	SBS	NT wash	Culture
CAR Bacillus	NT	NT	NT	0/62	SBS	Serum	EIA/IFA
Clostridium piliforme	NT	NT	NT	0/62	SBS	Serum	EIA/IFA
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Klebsiella pneumoniae	NT	0/59	NT	0/62	SBS	NT wash	Culture
Streptobacillus moniliformis	NT	0/59	NT	0/62	SBS	NT wash	Culture
Streptococcus pneumoniae	NT	0/59	NT	0/62	SBS	NT wash	Culture
Parasites							
Ectoparasites	NT	0/59	NT	0/62	SBS	Pelage	TT/Visual
						Caecal contents & pooled faeces	
Syphacia spp	0/52	0/59	0/61	0/62	SBS	Caecal contents & pooled faeces	TT/FF/WM
						Caecal contents & pooled faeces	
Aspicularis spp	0/52	0/59	0/61	0/62	SBS	Intestine	TT/FF/WM
Giardia spp	NT	0/59	NT	0/62	SBS	Intestine	Wet Mount
Eimeria spp (intestinal)	NT	0/59	NT	0/62	SBS	Intestine	Wet Mount
Spironucleus spp	NT	0/59	NT	0/62	SBS	Intestine	Wet Mount
Cryptosporidium	NT	0/59	NT	0/62	SBS	Intestine	Histo
Encephalitozoon cuniculi	NT	0/59	NT	0/62	SBS	Serum	EIA/IFA
Klossiella spp	NT	0/59	NT	0/62	SBS	Intestine	Wet Mount
Hymenolepis nana	NT	0/59	NT	0/62	SBS	Intestine:Faeces	FF/WM
Fungi							
Pneumocystis carinii	NT	NT	NT	NT	RS	Lung	Histo:PCR

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