



Health Monitoring Report

Description Sigma Advanced Genetic Engineering Labs Production Facility
 Strain Sprague Dawley
 Number of Specimens 10
 Building/Room 2033W/1

Tests Performed

Serologic evaluation for antibodies to: CAR bacillus, H1, Hantaan, KRV, LCM, MAD 1, M. pulmonis, Parvo NS-1, PVM, RCV/SDAV, REO3, RMV, RPV, RTV, Sendai, TMEV, Tyzzer's
 PCR evaluation for: *Helicobacter bilis*, *Helicobacter hepaticus*, *Helicobacter rodentium*, *Helicobacter sp.*, *Helicobacter trogontum*, *Helicobacter typhlonius*, *Pneumocystis sp.*, *Streptobacillus moniliformis*
 Histopathologic evaluation for: Lung
 Parasitologic evaluation for: Fur mites, mesostigmatid mites, lice, intestinal flagellates such as *Spironucleus muris* and *Giardia muris*, intestinal amoeba, pinworms and tapeworms
 Microbiologic evaluation for: *Corynebacterium kutscheri*, *Pasteurella, apneumotropica*, *Salmonella sp.*, *Streptococcus pneumoniae*, *Streptococcus sp. beta hemolytic*, *Bordetella bronchiseptica*,

Conclusion: No conclusive evidence of serious, naturally occurring infectious disease was found.

Serology:

Organism	Method	Nov. 30/2009	Jan. 28/2010
CAR bacillus	MFI	0/6	0/10
Hantaan virus	MFI	0/6	0/10
Lymphocytic choriomeningitis (LCM)	MFI	0/6	0/10
Mycoplasma pulmonis	MFI	0/6	0/10
Rodent adenovirus strain 1(MAD 1)	MFI	0/6	0/10
Parvo NS-1	MFI	0/6	0/10
Toolan's H1 parvovirus (H1)	MFI	0/6	0/10
Kilham's rat virus (KRV)	MFI	0/6	0/10
Rat minute virus (RMV)	MFI	0/6	0/10
Rat parvo virus (RPV)	MFI	0/6	0/10
Pneumonia virus of mice (PVM)	MFI	0/6	0/10
Rat coronavirus/sialodacryoadenitist (RCV/SDAV)	MFI	0/6	0/10
Reovirus 3 (REO3)	MFI	0/6	0/10
Rat thymic virus (RTV)	MFI	0/6	0/10
Theiler's murine encephalomyelitis virus (TMEV)	MFI	0/6	0/10
Sendai virus	MFI	0/6	0/10
Tyzzer's clostridium piliforme	MFI	0/6	0/10

PCR evaluation:	0/6	0/10
Organism	0/6	0/10
<i>Helicobacter bilis</i>	0/6	0/10
<i>Helicobacter hepaticus</i>	0/6	0/10
<i>Helicobacter rodentium</i>	0/6	0/10
<i>Helicobacter trogontum</i>	0/6	0/10
<i>Helicobacter typhlonius</i>	0/6	0/10
<i>Helicobacter</i> sp.	0/6	0/10
<i>Pneumocystis</i> sp.	0/0	0/10
<i>Streptobacillus moniliformis</i>	0/0	0/10
 Parasitology:		
parasites	0/6	0/10
 Histopathology:		
Lung		
alveolar histiocytosis	1/6	0/10
 Microbiology:		
Cecum		
<i>Salmonella</i> sp.	0/6	0/10
Nasopharynx		
<i>Corynebacterium kutscheri</i>	0/3	0/9
<i>Pasteurella pneumotropica</i>	0/3	0/9
<i>Streptococcus pneumoniae</i>	0/3	0/9
<i>Streptococcus</i> sp. beta hemolytic	0/3	0/9
<i>Bordetella bronchiseptica</i>	0/0	0/9