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Sentinel Animals
Date received: 9 February 2022
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Location: Rm 10 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 4	Cerberus	Culture
Bordetella spp	0 / 4	Cerberus	Culture
Citrobacter rodentium	0 / 4	Cerberus	Culture
Corynebacterium kutscheri	0 / 4	Cerberus	Culture
Klebsiella oxytoca	2 / 4	Cerberus	Culture
Klebsiella pneumoniae	0 / 4	Cerberus	Culture
Mycoplasma pulmonis	0 / 4	Cerberus	EIA / IFA
Other significant organisms	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	3 / 4	Cerberus	Culture
Pasteurella pneumotropica	3 / 4	Cerberus	PCR
Proteus spp	1 / 4	Cerberus	Culture
Pseudomonas aeruginosa	0 / 4	Cerberus	Culture
Salmonella spp	0 / 4	Cerberus	Culture
Staphylococcus aureus	0 / 4	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 4	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 4	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 4	Cerberus	Exam
Mycopites musculinus	0 / 4	Cerberus	Exam
Myobia musculi	0 / 4	Cerberus	Exam
Polyplox serrata	0 / 4	Cerberus	Exam
Radfordia spp	0 / 4	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Giardia muris	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 4	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 4	Cerberus	PCR
Pinworm - Syphacia spp	0 / 4	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 4	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourti	0 / 4	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 4	Cerberus	Wet prep/Motility
Tritrichomonas muris	4 / 4	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Minute Virus of Mice	0 / 4	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 4	Cerberus	EIA / IFA
Mouse Norovirus	3 / 4	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 4	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 4	Cerberus	EIA / IFA
Rotavirus	0 / 4	Cerberus	EIA / IFA
Sendai Virus	0 / 4	Cerberus	EIA / IFA



Location: Rm 13 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 4	Cerberus	Culture
Bordetella spp	0 / 4	Cerberus	Culture
Citrobacter rodentium	0 / 4	Cerberus	Culture
Corynebacterium kutscheri	0 / 4	Cerberus	Culture
Klebsiella oxytoca	0 / 4	Cerberus	Culture
Klebsiella pneumoniae	0 / 4	Cerberus	Culture
Mycoplasma pulmonis	0 / 4	Cerberus	EIA / IFA
Other significant organisms	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	0 / 1	Cerberus	PCR
Proteus spp	3 / 4	Cerberus	Culture
Pseudomonas aeruginosa	0 / 4	Cerberus	Culture
Salmonella spp	0 / 4	Cerberus	Culture
Staphylococcus aureus	0 / 4	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 4	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 4	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 4	Cerberus	Exam
Mycoptes musculinus	0 / 4	Cerberus	Exam
Myobia musculi	0 / 4	Cerberus	Exam
Polyplax serrata	0 / 4	Cerberus	Exam
Radfordia spp	0 / 4	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Giardia muris	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 4	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 4	Cerberus	PCR
Pinworm - Syphacia spp	0 / 4	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 4	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourtii	0 / 4	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 4	Cerberus	Wet prep/Motility
Tritrichomonas muris	0 / 4	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Minute Virus of Mice	0 / 4	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 4	Cerberus	EIA / IFA
Mouse Norovirus	0 / 4	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 4	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 4	Cerberus	EIA / IFA
Rotavirus	0 / 4	Cerberus	EIA / IFA
Sendai Virus	0 / 4	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	0 / 4	Cerberus	EIA / IFA

Location: Rm 4 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 4	Cerberus	Culture
Bordetella spp	0 / 4	Cerberus	Culture
Citrobacter rodentium	0 / 4	Cerberus	Culture
Corynebacterium kutscheri	0 / 4	Cerberus	Culture
Klebsiella oxytoca	0 / 4	Cerberus	Culture
Klebsiella pneumoniae	0 / 4	Cerberus	Culture
Mycoplasma pulmonis	0 / 4	Cerberus	EIA / IFA
Other significant organisms	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	3 / 4	Cerberus	Culture
Pasteurella pneumotropica	3 / 4	Cerberus	PCR
Proteus spp	0 / 4	Cerberus	Culture
Pseudomonas aeruginosa	0 / 4	Cerberus	Culture
Salmonella spp	0 / 4	Cerberus	Culture
Staphylococcus aureus	0 / 4	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 4	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 4	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 4	Cerberus	Exam
Mycoptes musculinus	0 / 4	Cerberus	Exam
Myobia musculi	0 / 4	Cerberus	Exam
Polyplax serrata	0 / 4	Cerberus	Exam
Radfordia spp	0 / 4	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Giardia muris	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 4	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 4	Cerberus	PCR
Pinworm - Syphacia spp	0 / 4	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 4	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourtii	0 / 4	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 4	Cerberus	Wet prep/Motility
Tritrichomonas muris	2 / 4	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Minute Virus of Mice	0 / 4	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 4	Cerberus	EIA / IFA
Mouse Norovirus	2 / 4	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 4	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 4	Cerberus	EIA / IFA
Rotavirus	0 / 4	Cerberus	EIA / IFA
Sendai Virus	0 / 4	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	0 / 4	Cerberus	EIA / IFA

Location: Rm 7 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 3	Cerberus	Culture
Bordetella spp	0 / 3	Cerberus	Culture
Citrobacter rodentium	0 / 3	Cerberus	Culture
Corynebacterium kutscheri	0 / 3	Cerberus	Culture
Klebsiella oxytoca	1 / 3	Cerberus	Culture
Klebsiella pneumoniae	0 / 3	Cerberus	Culture
Mycoplasma pulmonis	0 / 3	Cerberus	EIA / IFA
Other significant organisms	0 / 3	Cerberus	Culture
Pasteurella pneumotropica	1 / 3	Cerberus	Culture
Pasteurella pneumotropica	1 / 2	Cerberus	PCR
Proteus spp	0 / 3	Cerberus	Culture
Pseudomonas aeruginosa	0 / 3	Cerberus	Culture
Salmonella spp	0 / 3	Cerberus	Culture
Staphylococcus aureus	0 / 3	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 3	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 3	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 3	Cerberus	Exam
Mycoptes musculinus	0 / 3	Cerberus	Exam
Myobia musculi	0 / 3	Cerberus	Exam
Polyplax serrata	0 / 3	Cerberus	Exam
Radfordia spp	0 / 3	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Giardia muris	0 / 3	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 3	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 3	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 3	Cerberus	PCR
Pinworm - Syphacia spp	0 / 3	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 3	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourtii	0 / 3	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 3	Cerberus	Wet prep/Motility
Tritrichomonas muris	2 / 3	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Minute Virus of Mice	0 / 3	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 3	Cerberus	EIA / IFA
Mouse Norovirus	0 / 3	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 3	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 3	Cerberus	EIA / IFA
Rotavirus	0 / 3	Cerberus	EIA / IFA
Sendai Virus	0 / 3	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	0 / 3	Cerberus	EIA / IFA

Location: Rm 8 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 4	Cerberus	Culture
Bordetella spp	0 / 4	Cerberus	Culture
CAR bacillus	0 / 2	Cerberus	EIA / IFA
Citrobacter rodentium	0 / 4	Cerberus	Culture
Clostridium piliforme	0 / 2	Cerberus	EIA / IFA
Corynebacterium kutscheri	0 / 4	Cerberus	Culture
Helicobacter spp	2 / 2	Cerberus	PCR
Klebsiella oxytoca	1 / 4	Cerberus	Culture
Klebsiella pneumoniae	0 / 4	Cerberus	Culture
Mycoplasma pulmonis	0 / 4	Cerberus	EIA / IFA
Other significant organisms	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	1 / 4	Cerberus	Culture
Pasteurella pneumotropica	1 / 4	Cerberus	PCR
Proteus spp	0 / 4	Cerberus	Culture
Pseudomonas aeruginosa	0 / 4	Cerberus	Culture
Salmonella spp	0 / 4	Cerberus	Culture
Staphylococcus aureus	0 / 4	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 4	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 4	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 4	Cerberus	Exam
Mycopites musculinus	0 / 4	Cerberus	Exam
Myobia musculi	0 / 4	Cerberus	Exam
Polyplax serrata	0 / 4	Cerberus	Exam
Radfordia spp	0 / 4	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Encephalitozoon cuniculi	0 / 2	Cerberus	EIA / IFA
Giardia muris	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 4	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 4	Cerberus	PCR
Pinworm - Syphacia spp	0 / 4	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 4	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourtii	0 / 4	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 4	Cerberus	Wet prep/Motility
Trichomonas muris	4 / 4	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Adenovirus Type 1	0 / 2	Cerberus	EIA / IFA
Adenovirus Type 2	0 / 2	Cerberus	EIA / IFA
Ectromelia Virus	0 / 2	Cerberus	EIA / IFA
Hantaan Virus	0 / 2	Cerberus	EIA / IFA
K Virus	0 / 2	Cerberus	EIA / IFA
Lymphocytic Choriomeningitis Virus	0 / 2	Cerberus	EIA / IFA
Minute Virus of Mice	0 / 4	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 4	Cerberus	EIA / IFA
Mouse Norovirus	3 / 4	Cerberus	EIA / IFA



Mouse Parvovirus	0 / 4	Cerberus	EIA / IFA
Mouse Thymic Virus	0 / 2	Cerberus	IFA
Murine Cytomegalovirus	0 / 2	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 4	Cerberus	EIA / IFA
Polyoma Virus	0 / 2	Cerberus	EIA / IFA
Reovirus Type 3	0 / 2	Cerberus	EIA / IFA
Rotavirus	0 / 4	Cerberus	EIA / IFA
Sendai Virus	0 / 4	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	0 / 4	Cerberus	EIA / IFA

Location: Rm 9 / Strain ID: Sentinel

Species: Mouse

Bacteria and Fungi	Pos / Tested	Laboratory	Method
Bordetella bronchiseptica	0 / 4	Cerberus	Culture
Bordetella spp	0 / 4	Cerberus	Culture
Citrobacter rodentium	0 / 4	Cerberus	Culture
Corynebacterium kutscheri	0 / 4	Cerberus	Culture
Klebsiella oxytoca	3 / 4	Cerberus	Culture
Klebsiella pneumoniae	0 / 4	Cerberus	Culture
Mycoplasma pulmonis	0 / 4	Cerberus	EIA / IFA
Other significant organisms	0 / 4	Cerberus	Culture
Pasteurella pneumotropica	4 / 4	Cerberus	Culture
Pasteurella pneumotropica	4 / 4	Cerberus	PCR
Proteus spp	0 / 4	Cerberus	Culture
Pseudomonas aeruginosa	0 / 4	Cerberus	Culture
Salmonella spp	0 / 4	Cerberus	Culture
Staphylococcus aureus	0 / 4	Cerberus	Culture
Streptococcus pneumoniae (alpha haem)	0 / 4	Cerberus	Culture
Streptococcus spp (beta haem)	0 / 4	Cerberus	Culture
Ectoparasite	Pos / Tested	Laboratory	Method
Demodex musculi	0 / 4	Cerberus	Exam
Mycoptes musculinus	0 / 4	Cerberus	Exam
Myobia musculi	0 / 4	Cerberus	Exam
Polyplax serrata	0 / 4	Cerberus	Exam
Radfordia spp	0 / 4	Cerberus	Exam
Endoparasite	Pos / Tested	Laboratory	Method
Giardia muris	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris spp	0 / 4	Cerberus	Wet prep/Motility
Pinworm - Aspiculuris tetraptera	0 / 4	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 4	Cerberus	PCR
Pinworm - Syphacia spp	0 / 4	Cerberus	Wet prep/Motility
Spironucleus muris	0 / 4	Cerberus	Wet prep/Motility
Non-Pathogenic Protozoa	Pos / Tested	Laboratory	Method
Chilomastix bettencourtii	0 / 4	Cerberus	Wet prep/Motility
Entamoeba muris	0 / 4	Cerberus	Wet prep/Motility
Tritrichomonas muris	4 / 4	Cerberus	Wet prep/Motility
Virus	Pos / Tested	Laboratory	Method
Minute Virus of Mice	0 / 4	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 4	Cerberus	EIA / IFA
Mouse Norovirus	3 / 4	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 4	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 4	Cerberus	EIA / IFA
Rotavirus	0 / 4	Cerberus	EIA / IFA
Sendai Virus	0 / 4	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	0 / 4	Cerberus	EIA / IFA

Comment:

Samples Refs. were:

Sample 01 - Rack 1, Sample 02 - Rack 2, Sample 03 - Rack 3, Sample 04 - Rack 4, Sample 05 - Rack 1, Sample 06 - Rack 2, Sample 07 - Rack 3, Sample 08 - Rack 1, Sample 09 - Rack 2, Sample 10 - Rack 3, Sample 11 - SrcFloxCdh5Cre, Sample 12 - Rack 1, Sample 13 - Rack 2, Sample 14 - Rack 3, Sample 15 - Rack 4, Sample 16 - Rack 1, Sample 17 - Rack 2, Sample 18 - Rack 3, Sample 19 - Rack 4, Sample 20 - Rack 1, Sample 21 - Rack 2, Sample 22 - Rack 3, Sample 23 - Rack 4.

Macropathology, 1- 23:

Tissues from the cardiovascular, haemolymphoreticular, respiratory, gastrointestinal, urogenital, endocrine, skin and musculoskeletal systems were examined at necropsy and were unremarkable.

Lung, liver, kidney, mesenteric lymph nodes, spleen, small intestine, and faeces have been taken as archive samples which are held for 3 months.

The following samples were POSITIVE for *Helicobacter* spp by PCR on faeces: Sample 09 - Rack 2 (Rm 8), Sample 11 - SrcFloxCdh5Cre (Rm 8).

If you would like further Speciation of the *Helicobacter* species present; we can speciate for *Helicobacter bilis*, *Helicobacter hepaticus*, *Helicobacter typhlonius*, *Helicobacter ganmani*, *Helicobacter rodentium*, *Helicobacter mastomyrinus*.

Please contact us if you wish for further testing

PCR/RT-PCR assays include extraction, positive and negative controls to verify the results.

The following samples were POSITIVE for *Klebsiella oxytoca* by Culture of Caecal content: Sample 05 - Rack 1 (Rm 7), Sample 08 - Rack 1 (Rm 8), Sample 12 - Rack 1 (Rm 9), Sample 14 - Rack 3 (Rm 9), Sample 15 - Rack 4 (Rm 9), Sample 17 - Rack 2 (Rm 10), Sample 19 - Rack 4 (Rm 10).

Klebsiella oxytoca is ubiquitous in the environment and can be cultured from skin, mucus membranes, oropharynx and intestines of healthy animals and humans. It is transmitted by aerosol and contact.

Klebsiella oxytoca is an opportunistic pathogen associated with suppurative otitis media, urogenital tract infections (UTI), and pneumonia particularly in immunodeficient, diabetic or antibiotic treated animals.

The following samples were POSITIVE for *Pasteurella pneumotropica* by Culture and PCR of Nasotracheal wash samples: Sample 02 - Rack 2 (Rm 4), Sample 03 - Rack 3 (Rm 4), Sample 04 - Rack 4 (Rm 4), Sample 05 - Rack 1 (Rm 7), Sample 12 - Rack 1 (Rm 9), Sample 13 - Rack 2 (Rm 9), Sample 14 - Rack 3 (Rm 9), Sample 15 - Rack 4 (Rm 9), Sample 16 - Rack 1 (Rm 10), Sample 17 - Rack 2 (Rm 10), Sample 18 - Rack 3 (Rm 10), Sample 09 - Rack 2 (Rm 8).

Pasteurella pneumotropica is a frequently occurring opportunistic pathogen in rodent colonies. It has the potential to cause pathology especially in immune-compromised or stressed individuals.

The following samples were POSITIVE for *Proteus* spp by Culture: Sample 17 - Rack 2 (Rm 10), Sample 20 - Rack 1 (Rm 13), Sample 21 - Rack 2 (Rm 13), Sample 22 - Rack 3 (Rm 13).

Proteus sp. are Gram negative bacteria which are ubiquitous in the environment and, *Proteus mirabilis* (the one we most commonly culture from rodents), can be cultured from the upper respiratory tract and faeces of normal rodents. It may cause suppurative disease (urinary tract) in immunocompromised animals.

The following samples were POSITIVE for antibody directed against Mouse Norovirus by EIA / IFA: Sample 01 - Rack 1 (Rm 4), Sample 02 - Rack 2 (Rm 4), Sample 10 - Rack 3 (Rm 8), Sample 13 - Rack 2 (Rm 9), Sample 14 - Rack 3 (Rm 9), Sample 15 - Rack 4 (Rm 9), Sample 16 - Rack 1 (Rm 10), Sample 17 - Rack 2 (Rm 10), Sample 19 - Rack 4 (Rm 10), Sample 09 - Rack 2 (Rm 8), Sample 11 - SrcFloxCdh5Cre (Rm 8).

The following samples were POSITIVE for *Tritrichomonas muris* by Wet prep/Motility of intestinal contents: Sample 01 - Rack 1 (Rm 4), Sample 02 - Rack 2 (Rm 4), Sample 05 - Rack 1 (Rm 7), Sample 07 - Rack 3 (Rm 7), Sample 08 - Rack 1 (Rm 8), Sample 10 - Rack 3 (Rm 8), Sample 12 - Rack 1 (Rm 9), Sample 13 - Rack 2 (Rm 9), Sample 14 - Rack 3 (Rm 9), Sample 15 - Rack 4 (Rm 9), Sample 16 - Rack 1 (Rm 10), Sample 17 - Rack 2 (Rm 10), Sample 18 - Rack 3 (Rm 10), Sample 19 - Rack 4 (Rm 10), Sample 09 - Rack 2 (Rm 8), Sample 11 - SrcFloxCdh5Cre (Rm 8).

Tritrichomonas muris is considered non-pathogenic enteric protozoa and are frequently found in the intestinal contents of normal rodents.

IFA Testing: Cerberus Sciences uses ELISA testing as a primary serology test. Where an ELISA test result is considered "Equivocal" or "Elevated" this should be interpreted as meaning the result was greater than normally obtained with negative serum, but less than expected of a true positive. Further testing is carried out on these samples using an IFA technique before a final interpretation is made and a final result recorded.

Confirmatory IFA testing is also carried out on samples giving a positive test result in ELISA.

Sample 20 - Rack 1 (Rm 13 - Theiler's Encephalomyelitis virus):

Elevated OD by ELISA, Confirmed NEGATIVE by IFA. BL

Sample 16 - Rack 1 (Rm 10 - Mouse Norovirus), Sample 17 - Rack 2 (Rm 10 - Mouse Norovirus), Sample 19 - Rack 4 (Rm 10 - Mouse Norovirus), Sample 01 - Rack 1 (Rm 4 - Mouse Norovirus), Sample 02 - Rack 2 (Rm 4 - Mouse Norovirus), Sample 09 - Rack 2 (Rm 8 - Mouse Norovirus), Sample 10 - Rack 3 (Rm 8 - Mouse Norovirus), Sample 11 - SrcFloxCdh5Cre (Rm 8 - Mouse Norovirus), Sample 13 - Rack 2 (Rm 9 - Mouse Norovirus), Sample 14 - Rack 3 (Rm 9 - Mouse Norovirus), Sample 15 - Rack 4 (Rm 9 - Mouse Norovirus):

Elevated OD by ELISA, Confirmed POSITIVE by IFA. BL



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