

Submitter: Hong Kong University of Science &  
Technology  
Animal & Plant Care Facility  
Clearwaterbay, Kowloon Hong Kong  
Contact: Wai Hung Tsang

Submission No: 18/A415  
Your ref: 7204  
Date received: 20 April 2018  
Date of issue: 15 May 2018

**Location: 7204 / Strain ID: Unknown**

**Species: Mouse**

<b>Bacteria and Fungi</b>	<b>Pos / Tested</b>	<b>Laboratory</b>	<b>Method</b>
Citrobacter rodentium	0 / 2	Cerberus	PCR
Clostridium piliforme	0 / 5	Cerberus	EIA / IFA
Corynebacterium kutscheri	0 / 2	Cerberus	PCR
Helicobacter spp	2 / 2	Cerberus	PCR
Mycoplasma pulmonis	0 / 5	Cerberus	EIA / IFA
Pasteurella pneumotropica	0 / 1	Cerberus	PCR
Salmonella spp	0 / 2	Cerberus	PCR
Streptobacillus moniliformis	0 / 2	Cerberus	PCR
Streptococcus pneumoniae (alpha haem)	0 / 2	Cerberus	PCR
<b>Ectoparasite</b>	<b>Pos / Tested</b>	<b>Laboratory</b>	<b>Method</b>
Fur mites - Myobia musculi	0 / 1	Cerberus	PCR
Fur mites - Myocoptes musculinus	0 / 1	Cerberus	PCR
Fur mites - Radfordia affinis	0 / 1	Cerberus	PCR
<b>Endoparasite</b>	<b>Pos / Tested</b>	<b>Laboratory</b>	<b>Method</b>
Giardia muris	0 / 2	Cerberus	PCR
Pinworm - Aspicularis tetraptera	0 / 2	Cerberus	PCR
Pinworm - Syphacia obvelata	0 / 2	Cerberus	PCR
Spironucleus muris	0 / 2	Cerberus	PCR
<b>Non-Pathogenic Protozoa</b>	<b>Pos / Tested</b>	<b>Laboratory</b>	<b>Method</b>
Entamoeba muris	1 / 2	Cerberus	PCR
Tritrichomonas muris	2 / 2	Cerberus	PCR
<b>Virus</b>	<b>Pos / Tested</b>	<b>Laboratory</b>	<b>Method</b>
Adenovirus Type 1	0 / 5	Cerberus	EIA / IFA
Adenovirus Type 2	0 / 5	Cerberus	EIA / IFA
Ectromelia Virus	0 / 5	Cerberus	EIA / IFA
Hantaan Virus	0 / 5	Cerberus	EIA / IFA
Lymphocytic Choriomeningitis Virus	0 / 5	Cerberus	EIA / IFA
Minute Virus of Mice	0 / 5	Cerberus	EIA / IFA
Mouse Hepatitis Virus	0 / 5	Cerberus	EIA / IFA
Mouse Parvovirus	0 / 5	Cerberus	EIA / IFA
Pneumonia Virus of Mice	0 / 5	Cerberus	EIA / IFA
Reovirus Type 3	0 / 5	Cerberus	EIA / IFA
Rotavirus	0 / 5	Cerberus	EIA / IFA
Sendai Virus	0 / 5	Cerberus	EIA / IFA
Theiler's Encephalomyelitis virus	1 / 5	Cerberus	EIA / IFA

**Comment:**

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Samples Refs. were:

Sample 01, Sample 02, Sample 03, Sample 04, Sample 05, Sample 06, Sample 07, Sample 08, Sample 09.

The following samples were POSITIVE for antibody directed against Theiler's Encephalomyelitis virus by EIA / IFA:  
Sample 03 (7204).

The following samples were POSITIVE for Helicobacter spp by PCR: Sample 01 (7204), Sample 02 (7204).

The following samples were POSITIVE for Entamoeba muris by PCR: Sample 01 (7204).

The following samples were POSITIVE for Tritrichomonas muris by PCR: Sample 01 (7204), Sample 02 (7204).

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 03 (7204 - Theiler's Encephalomyelitis virus):

Elevated OD by ELISA. Confirmed POSITIVE by IFA. BW

**Bob Stevenson**  
Managing Director

**Peony Fung**  
Molecular Diagnostic Manager