

FINAL ANIMAL HEALTH MONITORING REPORT

Requested By Translational Research Institute
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Biological Resources Facility
37 Kent Street
Woolloongabba, QLD, 4102

Submission No 5404
Order No
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GROUP 20509 - 1002

SPECIES: MOUSE

SAMPLE REFERENCE

1 **459224** **RACK** 1B **STRAIN** Col 11181

2 **462449** **RACK** 2A **STRAIN** COL 10466

RESULTS SUMMARY

Both animals were healthy and well nourished with no observable abnormalities.

Both samples were Negative for all requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	2	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	2	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	2	EIA
MCMV - Murine Cytomegalovirus	0	2	EIA
MHV - Mouse Hepatitis Virus	0	2	EIA
MNV - Murine Norovirus	0	2	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	2	EIA
MVM - Minute Virus of Mice	0	2	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	2	EIA
PVM - Pneumonia Virus of Mice	0	2	EIA
REO - Reovirus-3	0	2	EIA
ROTA - Murine Rotavirus	0	2	EIA

SEND - Sendai Virus	0	2	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	2	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	2	Bacteriology
Beta-haemolytic Streptococcus	0	2	Bacteriology
<i>Corynebacterium kutscheri</i>	0	2	Bacteriology
<i>Citrobacter rodentium</i>	0	2	Bacteriology
<i>Helicobacter species</i>	0	2	PCR
<i>Klebsiella oxytoca</i>	0	2	Bacteriology
<i>Klebsiella pneumoniae</i>	0	2	Bacteriology
Other Pasteurellaceae	0	2	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	2	Bacteriology
<i>Pasteurella pneumotropica</i>	0	2	Bacteriology
<i>Proteus mirabilis</i>	0	2	Bacteriology
<i>Mycoplasma pulmonis</i>	0	2	EIA
<i>Salmonella species</i>	0	2	Bacteriology
<i>Staphylococcus aureus</i>	0	2	Bacteriology
<i>Streptococcus pneumoniae</i>	0	2	Bacteriology

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	2	Parasitology
<i>Entamoeba species</i>	0	2	Parasitology
<i>Giardia species</i>	0	2	Parasitology
Mite species	0	2	Parasitology
Pinworms	0	2	Parasitology
<i>Spironucleus species</i>	0	2	Parasitology
Tapeworms	0	2	Parasitology
Trichomonads	0	2	Parasitology

SAMPLE REFERENCE

1	450402	RACK	4A	STRAIN	3350
2	460692	RACK	4A	STRAIN	COL 10280
3	464092	RACK	4B	STRAIN	COL 8915
4	474201	RACK	4B	STRAIN	COL 8915
5	492335	RACK	4B	STRAIN	COL 11301

6	456515	RACK	5A	STRAIN	COL 10494
7	464387	RACK	5A	STRAIN	COL 10012
8	488472	RACK	5B	STRAIN	COL 11875
9	509239	RACK	5B	STRAIN	3535

RESULTS SUMMARY

All animals were healthy and well nourished with no observable abnormalities.

All samples were Negative for all requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	9	PCR
LCM - Lymphocytic Choriomeningitis Virus	0	9	RT-PCR
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	9	PCR
MCMV - Murine Cytomegalovirus	0	9	PCR
MHV - Mouse Hepatitis Virus	0	9	RT-PCR
MNV - Murine Norovirus	0	9	RT-PCR
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	9	PCR
MVM - Minute Virus of Mice	0	9	PCR
PARVO - Parvovirus general screen (NS1 antigens)	0	9	PCR
POLY - Polyoma Virus	0	9	PCR
PVM - Pneumonia Virus of Mice	0	9	RT-PCR
REO - Reovirus-3	0	9	RT-PCR
ROTA - Murine Rotavirus	0	9	RT-PCR
SEND - Sendai Virus	0	9	RT-PCR
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	9	RT-PCR

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	9	Bacteriology

Beta-haemolytic Streptococcus	0	9	Bacteriology
<i>Corynebacterium kutscheri</i>	0	9	Bacteriology
<i>Citrobacter rodentium</i>	0	9	Bacteriology
<i>Klebsiella oxytoca</i>	0	9	Bacteriology
<i>Klebsiella pneumoniae</i>	0	9	Bacteriology
Other Pasteurellaceae	0	9	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	9	Bacteriology
<i>Pasteurella pneumotropica</i>	0	9	Bacteriology
<i>Proteus mirabilis</i>	0	9	Bacteriology
<i>Salmonella species</i>	0	9	Bacteriology
<i>Staphylococcus aureus</i>	0	9	Bacteriology
<i>Streptococcus pneumoniae</i>	0	9	Bacteriology

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	9	Parasitology
<i>Entamoeba species</i>	0	9	Parasitology
<i>Giardia species</i>	0	9	Parasitology
Mite species	0	9	Parasitology
Pinworms	0	9	Parasitology
<i>Spironucleus species</i>	0	9	Parasitology
Tapeworms	0	9	Parasitology
Trichomonads	0	9	Parasitology

SAMPLE REFERENCE

1	435736	RACK	1B.1	STRAIN	COL 11503	10	509056	RACK	4A.1	STRAIN	COL 11165
2	451065	RACK	1B.2	STRAIN	COL 11521	11	452726	RACK	4A.2	STRAIN	COL 9248
3	461186	RACK	2A.1	STRAIN	COL 10631	12	481549	RACK	4B	STRAIN	COL 11929
4	440972	RACK	2B.1	STRAIN	COL 11394	13	478768	RACK	4B	STRAIN	COL 7032
5	465235	RACK	2B.2	STRAIN	COL 5881	14	526604	RACK	5A.1	STRAIN	COL 5462
6	447163	RACK	3A.1	STRAIN	COL 11075	15	459947	RACK	5A.2	STRAIN	COL 6005
7	519137	RACK	3A.2	STRAIN	COL 11722	16	454541	RACK	6.1	STRAIN	COL 9233
8	487413	RACK	3B.1	STRAIN	COL 11913	17	430950	RACK	6.2	STRAIN	COL 11397
9	513990	RACK	3B.2	STRAIN	COL 11700	18	487053	RACK	5B	STRAIN	COL 2993

RESULTS SUMMARY

All animals were healthy and well nourished with no observable abnormalities.

Low numbers of *Tritrichomonas* sp. were observed in a number of samples. Please refer to results. These protozoa are usually asymptomatic and are unlikely to be clinically significant.

Low numbers of *Entamoeba* sp. were observed in "452726". These protozoa are usually non-pathogenic and are considered a commensal inhabitant of the caecum, therefore are unlikely to be clinically significant.

In the nasopharyngeal washing of "519137" and "513990", *Pasteurella pneumotropica* was isolated in low numbers amongst a mixed growth of normal oral flora. In the absence of clinical signs this bacterium is unlikely to be significant. The identification of this organism was confirmed by PCR.

In the nasopharyngeal washing of "447163" and "452726", *Pasteurellaceae* (not *Pasteurella pneumotropica*) was isolated in low numbers amongst a mixed growth of normal oral flora. In the absence of clinical signs this bacterium is unlikely to be significant.

All samples were Negative for all other requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	18	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	18	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	18	EIA
MCMV - Murine Cytomegalovirus	0	18	EIA
MHV - Mouse Hepatitis Virus	0	18	EIA

MNV - Murine Norovirus	0	18	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	18	EIA
MVM - Minute Virus of Mice	0	18	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	18	EIA
PVM - Pneumonia Virus of Mice	0	18	EIA
REO - Reovirus-3	0	18	EIA
ROTA - Murine Rotavirus	0	18	EIA
SEND - Sendai Virus	0	18	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	18	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	18	Bacteriology
Beta-haemolytic Streptococcus	0	18	Bacteriology
<i>Corynebacterium kutscheri</i>	0	18	Bacteriology
<i>Citrobacter rodentium</i>	0	18	Bacteriology
<i>Helicobacter species</i>	0	18	PCR
<i>Klebsiella oxytoca</i>	0	18	Bacteriology
<i>Klebsiella pneumoniae</i>	0	18	Bacteriology
<i>Other Pasteurellaceae</i>	2	18	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	18	Bacteriology
<i>Pasteurella pneumotropica</i>	2	18	Bacteriology
<i>Proteus mirabilis</i>	0	18	Bacteriology
<i>Mycoplasma pulmonis</i>	0	18	EIA
<i>Salmonella species</i>	0	18	Bacteriology
<i>Staphylococcus aureus</i>	0	18	Bacteriology
<i>Streptococcus pneumoniae</i>	0	18	Bacteriology

The following samples were **POSITIVE** for **Other Pasteurellaceae**

447163, 452726

The following samples were **POSITIVE** for **Pasteurella pneumotropica**

519137, 513990

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
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<i>Chilomastix species</i>	0	18	Parasitology
<i>Entamoeba species</i>	1	18	Parasitology
<i>Giardia species</i>	0	18	Parasitology
Mite species	0	18	Parasitology
Pinworms	0	18	Parasitology
<i>Spironucleus species</i>	0	18	Parasitology
Tapeworms	0	18	Parasitology
Trichomonads	7	18	Parasitology

The following sample was **POSITIVE** for **Entamoeba species**

452726

The following samples were **POSITIVE** for **Trichomonads**

447163, 519137, 509056, 478768, 459947, 430950, 487053

GROUP 20512 - 1003

SPECIES: MOUSE

SAMPLE REFERENCE

1	505679	RACK	2A.1	STRAIN	COL 11400	8	516433	RACK	4A.2	STRAIN	COL 10338
2	508715	RACK	2A.2	STRAIN	COL 11604	9	506997	RACK	4B.1	STRAIN	COL 10669
3	513025	RACK	2B	STRAIN	COL 9663	10	505693	RACK	4B.2	STRAIN	COL 10438
4	525087	RACK	3A	STRAIN	COL 9666	11	511517	RACK	5A.1	STRAIN	COL 10857
5	528913	RACK	3B.1	STRAIN	COL 9779	12	513251	RACK	5A.2	STRAIN	COL 11233
6	512596	RACK	3B.2	STRAIN	COL 9776	13	511319	RACK	5B.1	STRAIN	COL 11530
7	508667	RACK	4A.1	STRAIN	COL 10102	14	523354	RACK	5B.2	STRAIN	11254

RESULTS SUMMARY

All animals were healthy and well nourished with no observable abnormalities.

Low numbers of *Tritrichomonas* sp. were observed in a number of samples. Please refer to results. These protozoa are usually asymptomatic and are unlikely to be clinically significant.

Low numbers of *Entamoeba* sp. were observed in "516433", "506997" and "511319". These protozoa are usually non-pathogenic and are considered a commensal inhabitant of the caecum, therefore are unlikely to be clinically significant.

In the nasopharyngeal washing of a number of samples, *Pasteurella pneumotropica* was isolated in low numbers amongst a mixed growth of normal oral flora. Please refer to results. In the absence of clinical signs this bacterium is unlikely to be significant. The identification of this organism was confirmed by PCR.

In the nasopharyngeal washing of "508667", *Pasteurellaceae* (not *Pasteurella pneumotropica*) was isolated in low

numbers amongst a mixed growth of normal oral flora. In the absence of clinical signs this bacterium is unlikely to be significant.

All samples were Negative for all other requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	14	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	14	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	14	EIA
MCMV - Murine Cytomegalovirus	0	14	EIA
MHV - Mouse Hepatitis Virus	0	14	EIA
MNV - Murine Norovirus	0	14	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	14	EIA
MVM - Minute Virus of Mice	0	14	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	14	EIA
PVM - Pneumonia Virus of Mice	0	14	EIA
REO - Reovirus-3	0	14	EIA
ROTA - Murine Rotavirus	0	14	EIA
SEND - Sendai Virus	0	14	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	14	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	14	Bacteriology
Beta-haemolytic Streptococcus	0	14	Bacteriology
<i>Corynebacterium kutscheri</i>	0	14	Bacteriology
<i>Citrobacter rodentium</i>	0	14	Bacteriology
<i>Helicobacter species</i>	0	14	PCR
<i>Klebsiella oxytoca</i>	0	14	Bacteriology
<i>Klebsiella pneumoniae</i>	0	14	Bacteriology
Other Pasteurellaceae	1	14	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	14	Bacteriology
<i>Pasteurella pneumotropica</i>	8	14	Bacteriology
<i>Proteus mirabilis</i>	0	14	Bacteriology
<i>Mycoplasma pulmonis</i>	0	14	EIA

<i>Salmonella species</i>	0	14	Bacteriology
<i>Staphylococcus aureus</i>	0	14	Bacteriology
<i>Streptococcus pneumoniae</i>	0	14	Bacteriology

The following sample was **POSITIVE** for **Other Pasteurellaceae**

508667

The following samples were **POSITIVE** for **Pasteurella pneumotropica**

508715, 513025, 525087, 528913, 512596, 506997, 513251, 511319

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	14	Parasitology
<i>Entamoeba species</i>	3	14	Parasitology
<i>Giardia species</i>	0	14	Parasitology
Mite species	0	14	Parasitology
Pinworms	0	14	Parasitology
<i>Spironucleus species</i>	0	14	Parasitology
Tapeworms	0	14	Parasitology
Trichomonads	5	14	Parasitology

The following samples were **POSITIVE** for **Entamoeba species**

516433, 506997, 511319

The following samples were **POSITIVE** for **Trichomonads**

513025, 528913, 512596, 505693, 511319

GROUP 20513 - 1005

SPECIES: MOUSE

SAMPLE REFERENCE

1	512856	RACK	1A	STRAIN	COL 9377	5	522407	RACK	4B	STRAIN	COL 10126
2	470643	RACK	1B	STRAIN	COL 11720	6	516981	RACK	5	STRAIN	COL 10128
3	473240	RACK	3	STRAIN	COL 4455	7	492298	RACK	6A.1	STRAIN	COL 9411
4	470129	RACK	4A	STRAIN	COL 8489	8	504385	RACK	6A.2	STRAIN	COL 11783

RESULTS SUMMARY

All animals were healthy and well nourished with no observable abnormalities.

In the nasopharyngeal washing of a number of samples, *Pasteurella pneumotropica* was isolated in low numbers amongst a mixed growth of normal oral flora. Please refer to results. In the absence of clinical signs this bacterium is unlikely to be significant. The identification of this organism was confirmed by PCR.

All samples were Negative for all other requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	8	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	8	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	8	EIA
MCMV - Murine Cytomegalovirus	0	8	EIA
MHV - Mouse Hepatitis Virus	0	8	EIA
MNV - Murine Norovirus	0	8	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	8	EIA
MVM - Minute Virus of Mice	0	8	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	8	EIA
PVM - Pneumonia Virus of Mice	0	8	EIA
REO - Reovirus-3	0	8	EIA
ROTA - Murine Rotavirus	0	8	EIA
SEND - Sendai Virus	0	8	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	8	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	8	Bacteriology
Beta-haemolytic Streptococcus	0	8	Bacteriology
<i>Corynebacterium kutscheri</i>	0	8	Bacteriology
<i>Citrobacter rodentium</i>	0	8	Bacteriology
<i>Helicobacter species</i>	0	8	PCR
<i>Klebsiella oxytoca</i>	0	8	Bacteriology
<i>Klebsiella pneumoniae</i>	0	8	Bacteriology
Other Pasteurellaceae	0	8	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	8	Bacteriology
<i>Pasteurella pneumotropica</i>	5	8	Bacteriology
<i>Proteus mirabilis</i>	0	8	Bacteriology

<i>Mycoplasma pulmonis</i>	0	8	EIA
<i>Salmonella species</i>	0	8	Bacteriology
<i>Staphylococcus aureus</i>	0	8	Bacteriology
<i>Streptococcus pneumoniae</i>	0	8	Bacteriology

The following samples were **POSITIVE** for **Pasteurella pneumotropica**

512856, 470643, 522407, 492298, 504385

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	8	Parasitology
<i>Entamoeba species</i>	0	8	Parasitology
<i>Giardia species</i>	0	8	Parasitology
Mite species	0	8	Parasitology
Pinworms	0	8	Parasitology
<i>Spironucleus species</i>	0	8	Parasitology
Tapeworms	0	8	Parasitology
Trichomonads	0	8	Parasitology