

FINAL ANIMAL HEALTH MONITORING REPORT

Requested By Translational Research Institute
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GROUP 21668 - 1002

SPECIES: MOUSE

SAMPLE REFERENCE

1	632189	RACK	1A	STRAIN	COL 9207	5	649520	RACK	4	STRAIN	COL 8807
2	646198	RACK	1B	STRAIN	COL 11726	6	649521	RACK	5A	STRAIN	COL 7279
3	596348	RACK	2A	STRAIN	COL 12135	7	643515	RACK	5B	STRAIN	COL 8807
4	609742	RACK	2B	STRAIN	COL 5564						

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	7	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	7	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	7	EIA
MCMV - Murine Cytomegalovirus	0	7	EIA
MHV - Mouse Hepatitis Virus	0	7	EIA
MNV - Murine Norovirus	0	7	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	7	EIA
MVM - Minute Virus of Mice	0	7	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	7	EIA

PVM - Pneumonia Virus of Mice	0	7	EIA
REO - Reovirus-3	0	7	EIA
ROTA - Murine Rotavirus	0	7	EIA
SEND - Sendai Virus	0	7	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	7	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	7	Bacteriology
Beta-haemolytic Streptococcus	0	7	Bacteriology
<i>Corynebacterium bovis</i>	0	7	PCR
<i>Corynebacterium kutscheri</i>	0	7	Bacteriology
<i>Citrobacter rodentium</i>	0	7	Bacteriology
<i>Helicobacter species</i>	0	7	PCR
<i>Klebsiella oxytoca</i>	0	7	Bacteriology
<i>Klebsiella pneumoniae</i>	0	7	Bacteriology
Other Pasteurellaceae	0	7	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	7	Bacteriology
<i>Pasteurella pneumotropica</i>	0	7	Bacteriology
<i>Proteus mirabilis</i>	0	7	Bacteriology
<i>Mycoplasma pulmonis</i>	0	7	EIA
<i>Salmonella species</i>	0	7	Bacteriology
<i>Staphylococcus aureus</i>	0	7	Bacteriology
<i>Streptococcus pneumoniae</i>	0	7	Bacteriology
<i>Staphylococcus xylosus</i>	0	7	PCR

PARASITES

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

SAMPLE REFERENCE

1	609609	RACK	1A.1	STRAIN	COL 6005	8	636047	RACK	3B	STRAIN	COL 9776
2	623488	RACK	1A.2	STRAIN	COL 12195	9	648724	RACK	4A	STRAIN	COL 10375
3	645713	RACK	1B.1	STRAIN	COL 11400	10	650662	RACK	4B	STRAIN	COL 10761
4	637043	RACK	2A	STRAIN	COL 10220	11	662470	RACK	5A	STRAIN	COL 11530
5	657184	RACK	2B	STRAIN	COL 9657	12	652459	RACK	5B	STRAIN	COL 12176
6	631156	RACK	3A.1	STRAIN	COL 9671	13	666089	RACK	6	STRAIN	COL 9458
7	634610	RACK	3A.2	STRAIN	COL 9882						

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 see results below. These protozoa are usually asymptomatic and are unlikely to be clinically significant.

In the nasopharyngeal washing of a number of samples, *Pasteurellaceae* (not *Pasteurella pneumotropica*) was isolated in low numbers amongst a mixed growth of normal oral flora. Please see results below. 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	13	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	13	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	13	EIA
MCMV - Murine Cytomegalovirus	0	13	EIA
MHV - Mouse Hepatitis Virus	0	13	EIA
MNV - Murine Norovirus	0	13	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	13	EIA
MVM - Minute Virus of Mice	0	13	EIA
PARVO - Parvovirus general screen (NS1 antigens)	0	13	EIA
PVM - Pneumonia Virus of Mice	0	13	EIA
REO - Reovirus-3	0	13	EIA
ROTA - Murine Rotavirus	0	13	EIA

SEND - Sendai Virus	0	13	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	13	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	13	Bacteriology
Beta-haemolytic Streptococcus	0	13	Bacteriology
<i>Corynebacterium bovis</i>	0	13	PCR
<i>Corynebacterium kutscheri</i>	0	13	Bacteriology
<i>Citrobacter rodentium</i>	0	13	Bacteriology
<i>Helicobacter species</i>	0	13	PCR
<i>Klebsiella oxytoca</i>	0	13	Bacteriology
<i>Klebsiella pneumoniae</i>	0	13	Bacteriology
Other Pasteurellaceae	5	13	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	13	Bacteriology
<i>Pasteurella pneumotropica</i>	0	13	Bacteriology
<i>Proteus mirabilis</i>	0	13	Bacteriology
<i>Mycoplasma pulmonis</i>	0	13	EIA
<i>Salmonella species</i>	0	13	Bacteriology
<i>Staphylococcus aureus</i>	0	13	Bacteriology
<i>Streptococcus pneumoniae</i>	0	13	Bacteriology
<i>Staphylococcus xylosum</i>	0	13	PCR

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

636047, 648724, 650662, 662470, 652459

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	13	Parasitology
<i>Entamoeba species</i>	0	13	Parasitology
<i>Giardia species</i>	0	13	Parasitology
Mite species	0	13	Parasitology
Pinworms	0	13	Parasitology
<i>Spironucleus species</i>	0	13	Parasitology
Tapeworms	0	13	Parasitology

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

623488, 637043, 631156, 650662

GROUP 21673 - 1004**SPECIES: MOUSE****SAMPLE REFERENCE**

1	649094	RACK	1A	STRAIN	COL 7279	7	632918	RACK	3A.2	STRAIN	COL 10756
2	632369	RACK	1B.1	STRAIN	COL 11578	8	666826	RACK	3B	STRAIN	COL 10877
3	614680	RACK	1B.2	STRAIN	COL 11500	9	660830	RACK	4A	STRAIN	COL 11165
4	654136	RACK	2A	STRAIN	COL 10631	10	629075	RACK	4B	STRAIN	COL 11969
5	648665	RACK	2B	STRAIN	COL 11144	11	633037	RACK	5A	STRAIN	COL 11127
6	663099	RACK	3A.1	STRAIN	COL 11076						

RESULTS SUMMARY

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

In the nasopharyngeal washing of "663099" and "633037", *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.

In the nasopharyngeal washing of "648665" and "666826", *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.

All samples were Negative for all other requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	11	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	11	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	11	EIA
MCMV - Murine Cytomegalovirus	0	11	EIA
MHV - Mouse Hepatitis Virus	0	11	EIA
MNV - Murine Norovirus	0	11	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	11	EIA
MVM - Minute Virus of Mice	0	11	EIA

PARVO - Parvovirus general screen (NS1 antigens)	0	11	EIA
PVM - Pneumonia Virus of Mice	0	11	EIA
REO - Reovirus-3	0	11	EIA
ROTA - Murine Rotavirus	0	11	EIA
SEND - Sendai Virus	0	11	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	11	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	11	Bacteriology
Beta-haemolytic Streptococcus	0	11	Bacteriology
<i>Corynebacterium bovis</i>	0	11	PCR
<i>Corynebacterium kutscheri</i>	0	11	Bacteriology
<i>Citrobacter rodentium</i>	0	11	Bacteriology
<i>Helicobacter species</i>	0	11	PCR
<i>Klebsiella oxytoca</i>	0	11	Bacteriology
<i>Klebsiella pneumoniae</i>	0	11	Bacteriology
Other Pasteurellaceae	2	11	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	11	Bacteriology
<i>Pasteurella pneumotropica</i>	2	11	Bacteriology
<i>Proteus mirabilis</i>	0	11	Bacteriology
<i>Mycoplasma pulmonis</i>	0	11	EIA
<i>Salmonella species</i>	0	11	Bacteriology
<i>Staphylococcus aureus</i>	0	11	Bacteriology
<i>Streptococcus pneumoniae</i>	0	11	Bacteriology
<i>Staphylococcus xylosum</i>	0	11	PCR

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

663099, 633037

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

648665, 666826

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	11	Parasitology

<i>Entamoeba species</i>	0	11	Parasitology
<i>Giardia species</i>	0	11	Parasitology
Mite species	0	11	Parasitology
Pinworms	0	11	Parasitology
<i>Spironucleus species</i>	0	11	Parasitology
Tapeworms	0	11	Parasitology
Trichomonads	0	11	Parasitology

GROUP 21674 - 1005

SPECIES: MOUSE

SAMPLE REFERENCE

1	646962	RACK	1A	STRAIN	COL 12293	7	640896	RACK	4A	STRAIN	COL 56
2	660252	RACK	1B	STRAIN	COL 3410	8	646206	RACK	4B	STRAIN	COL 2850
3	655017	RACK	2A	STRAIN	COL 9907	9	655640	RACK	5A	STRAIN	COL 10122
4	660146	RACK	2A	STRAIN	COL 10006	10	640787	RACK	5B	STRAIN	COL 9487
5	647751	RACK	3	STRAIN	COL 10723	11	612563	RACK	6	STRAIN	COL 10128
6	652605	RACK	3	STRAIN	COL 6933						

RESULTS SUMMARY

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

In the nasopharyngeal washing of "646962", "660146" and "655640", *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.

All samples were Negative for all other requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	11	EIA
LCM - Lymphocytic Choriomeningitis Virus	0	11	EIA
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	11	EIA
MCMV - Murine Cytomegalovirus	0	11	EIA
MHV - Mouse Hepatitis Virus	0	11	EIA
MNV - Murine Norovirus	0	11	EIA
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	11	EIA
MVM - Minute Virus of Mice	0	11	EIA

PARVO - Parvovirus general screen (NS1 antigens)	0	11	EIA
PVM - Pneumonia Virus of Mice	0	11	EIA
REO - Reovirus-3	0	11	EIA
ROTA - Murine Rotavirus	0	11	EIA
SEND - Sendai Virus	0	11	EIA
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	11	EIA

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	11	Bacteriology
Beta-haemolytic Streptococcus	0	11	Bacteriology
<i>Corynebacterium bovis</i>	0	11	PCR
<i>Corynebacterium kutscheri</i>	0	11	Bacteriology
<i>Citrobacter rodentium</i>	0	11	Bacteriology
<i>Helicobacter species</i>	0	11	PCR
<i>Klebsiella oxytoca</i>	0	11	Bacteriology
<i>Klebsiella pneumoniae</i>	0	11	Bacteriology
Other Pasteurellaceae	0	11	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	11	Bacteriology
<i>Pasteurella pneumotropica</i>	3	11	Bacteriology
<i>Proteus mirabilis</i>	0	11	Bacteriology
<i>Mycoplasma pulmonis</i>	0	11	EIA
<i>Salmonella species</i>	0	11	Bacteriology
<i>Staphylococcus aureus</i>	0	11	Bacteriology
<i>Streptococcus pneumoniae</i>	0	11	Bacteriology
<i>Staphylococcus xylosus</i>	0	11	PCR

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

646962, 660146, 655640

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	11	Parasitology
<i>Entamoeba species</i>	0	11	Parasitology
<i>Giardia species</i>	0	11	Parasitology

Mite species	0	11	Parasitology
Pinworms	0	11	Parasitology
<i>Spironucleus species</i>	0	11	Parasitology
Tapeworms	0	11	Parasitology
Trichomonads	2	11	Parasitology

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

647751, 652605

GROUP 21675 - IMMUNOCOMPROMISED ROOM 1002, 1003, 1004

SPECIES: MOUSE

SAMPLE REFERENCE

1	690940	ROOM	1002 Backside	STRAIN	COL 10012	3	672471	ROOM	1004 Backside	STRAIN	COL 11535
2	665218	ROOM	1003 Frontside	STRAIN	COL 11857	4	640679	ROOM	1004 Backside	STRAIN	COL 11397

RESULTS SUMMARY

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

In the nasopharyngeal washing of "690940" and "640679", *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.

In the nasopharyngeal washing of "665218" and "672471", *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.

All samples were Negative for all requested tests.

VIRUSES

AGENT	POSITIVE	TOTAL	METHOD
ECT - Ectromelia Virus	0	4	PCR
LCM - Lymphocytic Choriomeningitis Virus	0	4	RT-PCR
MAD 1/2 - Mouse Adenovirus (FL & K87)	0	4	PCR
MCMV - Murine Cytomegalovirus	0	4	PCR
MHV - Mouse Hepatitis Virus	0	4	RT-PCR
MNV - Murine Norovirus	0	4	RT-PCR
MPV1/2 - Mouse Parvovirus 1&2 (VP antigens)	0	4	PCR
MVM - Minute Virus of Mice	0	4	PCR

PARVO - Parvovirus general screen (NS1 antigens)	0	4	PCR
POLY - Polyoma Virus	0	4	PCR
PVM - Pneumonia Virus of Mice	0	4	RT-PCR
REO - Reovirus-3	0	4	RT-PCR
ROTA - Murine Rotavirus	0	4	RT-PCR
SEND - Sendai Virus	0	4	RT-PCR
TMEV/GDVII - Theiler's Encephalomyelitis Virus	0	4	RT-PCR

BACTERIA, MYCOPLASMA AND FUNGI

AGENT	POSITIVE	TOTAL	METHOD
<i>Bordetella bronchiseptica</i>	0	4	Bacteriology
Beta-haemolytic Streptococcus	0	4	Bacteriology
<i>Corynebacterium bovis</i>	0	4	PCR
<i>Corynebacterium kutscheri</i>	0	4	Bacteriology
<i>Citrobacter rodentium</i>	0	4	Bacteriology
<i>Klebsiella oxytoca</i>	0	4	Bacteriology
<i>Klebsiella pneumoniae</i>	0	4	Bacteriology
Other Pasteurellaceae	2	4	Bacteriology
<i>Pseudomonas aeruginosa</i>	0	4	Bacteriology
<i>Pasteurella pneumotropica</i>	2	4	Bacteriology
<i>Proteus mirabilis</i>	0	4	Bacteriology
<i>Salmonella species</i>	0	4	Bacteriology
<i>Staphylococcus aureus</i>	0	4	Bacteriology
<i>Streptococcus pneumoniae</i>	0	4	Bacteriology
<i>Staphylococcus xylosum</i>	0	4	PCR

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

690940, 640679

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

665218, 672471

PARASITES

AGENT	POSITIVE	TOTAL	METHOD
<i>Chilomastix species</i>	0	4	Parasitology
<i>Entamoeba species</i>	0	4	Parasitology

<i>Giardia species</i>	0	4	Parasitology
Mite species	0	4	Parasitology
Pinworms	0	4	Parasitology
<i>Spironucleus species</i>	0	4	Parasitology
Tapeworms	0	4	Parasitology
Trichomonads	0	4	Parasitology