

Test Results

Order #: **2023003485**

Ulg - Animalerie Centrale
(# 37924)
3 Avenue De L'Hopital
Sart Tilman Liege, 04 4000 Belgium

Charles River Research Animal Diagnostic Services
(CR EU RADS)
327 impasse du Domaine Rosier
Domaine des Oncins
SAINT GERMAIN NUELLES 69210 FRANCE

Billing Information

Payment Method
Purchase Order PO#: 20448611

Universite de Liege
7 Place Du 20 Aout
Liege, 04 4000 Belgium

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
16-May-2023	16-May-2023	02-Jun-2023

Notes

Facility/Room : Conv. quarantaine

Protocol

ULG - Mouse HM FELASA modified Annual (HM-HM-80061)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Helicobacter genus Helicobacter Screen	n/d	3	3	0	0	0
Helicobacter hepaticus Helicobacter Screen	n/d	3	2	0	0	0
Helicobacter typhlonius Helicobacter Screen	n/d	3	1	0	0	0
IFA MHV	n/d	3	2	1	0	0
MFIA MHV ULG - FELASA modified Annual	n/d	3	2	1	0	0
Serology Profile						
Rodentibacter heylii ULG - Mouse FELASA modified Annual	n/d	3	2	0	0	0
Resp. Profile						
Rodentibacter pneumotropicus ULG - Mouse FELASA modified Annual	n/d	3	2	0	0	0
Resp. Profile						

+ = Positive, +/- = Equivocal, ? = Indeterminate, PDG = Pending

To assure the health status of your research animal colonies, it is essential that you understand the sources, pathobiology, diagnosis and control of pathogens and other adventitious infectious agents that may cause research interference. We have summarized this important information in infectious agent **Technical Sheets**, which you can view by visiting http://www.criver.com/info/disease_sheets.

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Animal Bacteriology

Results approved by Duperray Tricaud, Marie Pierre on 02 Jun 2023

ULG - Mouse FELASA modified Annual Resp. Profile

	<u>1</u> Macedonicu s/Lassance	<u>2</u> Domesticus /Lassance	<u>3</u> Musculus/L assance
<i>Pasteurella spp</i>	-	-	-
<i>Pasteurella multocida</i>	-	-	-
<i>Beta Strept - Grp A</i>	-	-	-
<i>Beta Strept - Grp B</i>	-	-	-
<i>Beta Strept - Grp C</i>	-	-	-
<i>Beta Strept - Grp G</i>	-	-	-
<i>Beta Strept - Grp F</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Corynebacterium kutscheri</i>	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Bordetella bronchiseptica</i>	-	-	-
<i>Pseudomonas spp</i>	-	-	-
<i>Pseudomonas aeruginosa</i>	-	-	-
<i>Klebsiella oxytoca</i>	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-
<i>Proteus spp</i>	-	-	-
<i>Rodentibacter heylII</i>	-	+	+
<i>Rodentibacter pneumotropicus</i>	-	+	+

ULG - FELASA modified Annual Intestinal Profile

	<u>1</u> Macedonicu s/Lassance	<u>2</u> Domesticus /Lassance	<u>3</u> Musculus/L assance
<i>Citrobacter rodentium</i>	-	-	-
<i>Salmonella spp</i>	-	-	-
<i>Pseudomonas spp</i>	-	-	-
<i>Pseudomonas aeruginosa</i>	-	-	-
<i>Klebsiella oxytoca</i>	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-
<i>Proteus spp</i>	-	-	-

Remarks

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BACTERIOLOGY: - = Negative / no growth ; + = positive / growth

Rodentibacter pneumotropicus or Rodentibacter heylii was evidenced with our biochemical identification method. For the confirmation and/or the specification of this positivity (differentiation between R. pneumotropicus and R. heylii), a PCR test is available, with an extra cost. A representative isolate will be preserve 30 days from the approval date of this result report. If you would like to request a PCR to specify the agent observed, please contact our customer service.

BACTERIOLOGIE : - = Négatif / pas de pousse ; + = positif / pousse

Rodentibacter pneumotropicus ou Heylii a été mis en évidence par notre méthode d'identification biochimique. Pour toute confirmation et/ou spécification de ces positivités (distinguer pneumotropicus de heylii), nous pouvons vous proposer un test PCR, moyennant un coût supplémentaire. Nous conservons un échantillon représentatif de cette colonie pendant 30 jours suivant l'approbation de ce rapport de résultat.

Si vous souhaitez procéder au test par PCR, pour spécifier l'agent observé, merci de contacter notre service client.

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Molecular Diagnostics: Infectious

Disease RADS US

Results approved by Peck, DiAnne on 01 Jun 2023

	<u>1</u>	<u>2</u>	<u>3</u>
	Macedonicu s/Lassance	Domesticus /Lassance	Musculus/L assance
Helicobacter genus	+	+	+
Helicobacter hepaticus	+	+	-
Helicobacter bilis	-	-	-
Helicobacter typhlonius	-	+	-
Helicobacter ganmani	-	-	-
Helicobacter mastomyrinus	-	-	-
Helicobacter rodentium	-	-	-
Leptospira PCR	-	-	-
Pneumocystis spp. (PCR)	-	-	-

Infectious Disease RADS US Profile: Helicobacter Screen

Remarks

PCR Results: - = Negative; +/- = equivocal; + = positive; NT = not tested

Molecular Biology:

The results are satisfactory: absence of infectious agents in tested samples.

Biologie Moléculaire:

Les résultats sont très satisfaisants: absence d'agents infectieux dans les échantillons testés

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Health Monitoring: Parasitology

Results approved by Merle, Solenne on 22 May 2023

	<u>1</u> Macedonicu s/Lassance	<u>2</u> Domesticus /Lassance	<u>3</u> Musculus/L assance
Lice	-	-	-
Mites	-	-	-
Other Ectoparasite	-	-	-
Aspiculuris tetraptera	-	-	-
Syphacia muris	-	-	-
Syphacia obvelata	-	-	-
Other Helminths	-	-	-
Chilomastix sp.	-	-	-
Entamoeba sp.	-	-	-
Giardia spp.	-	-	-
Hexamastix sp.	-	-	-
Monocercomonoides sp.	-	-	-
Retortamonas sp.	-	-	-
Spirotrichomonads	-	-	-
Trichomonads	-	-	-
Other Protozoan	-	-	-
Eimeria perforans	-	-	-
Cryptosporidium spp	-	-	-

Parasitology Profiles: Ectoparasite Exam - Direct; Endoparasite Exam - Helminths; Endoparasite Exam - Protozoa

Remarks

PARASITOLOGIE : + = présence de formes parasitaires / - = absence de forme parasitaire
Nous n'avons pas observé de forme parasitaire lors de l'examen des animaux reçus.

PARASITOLGY : + = presence of parasitic forms / - = absence of parasitic form
We did not observe any parasitic form during the exam of the animals received.

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Health Monitoring: Pathology

Results approved by Merle, Solenne on 22 May 2023

	<u>1</u> Macedonicu s/Lassance	<u>2</u> Domesticus /Lassance	<u>3</u> Musculus/L assance
Gross Lesion	-	-	-
Tyzzers Lesion (C.pil)	-	-	-
Strepto moniliformis	-	-	-

Pathology Profile: Gross Necropsy Exam

Remarks

AUTOPSIE : - = pas d'observation; + = observation macroscopique
Absence de lésion macroscopique.

NECROPSY : - = no observation; + = macroscopic observation
No gross lesion was observed.

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Serology RADS US

Results approved by Cormier, Danielle on 30 May 2023

	<u>1</u> Macedonicu s/Lassance	<u>2</u> Domesticus /Lassance	<u>3</u> Musculus/L assance
MFIA MHV	+	+	+/-
MFIA ROTAVIRUS (EDIM)	-	-	-
MFIA MNV	-	-	-
MFIA MVM	-	-	-
MFIA MPV1	-	-	-
MFIA MPV2	-	-	-
MFIA MPV5	-	-	-
MFIA THEILER GDVII	-	-	-
MFIA LCMV	-	-	-
MFIA MAV 1&2	-	-	-
MFIA ECTRO	-	-	-
MFIA PVM	-	-	-
MFIA REO3	-	-	-
MFIA SENDAI	-	-	-
MFIA HANTAAN	-	-	-
MFIA MCMV	-	-	-
MFIA LDV	-	-	-
MFIA POLYOMA	-	-	-
MFIA MYCOPLASMA PULMONIS	-	-	-
MFIA CARB (F. rodentium)	-	-	-
MFIA K	-	-	-
MFIA MTLV	-	-	-
MFIA Anti-Ig	P	P	P
IFA MHV	+	+	+/-

Serology RADS US Profile: ULG - FELASA modified Annual Serology Profile

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MFIA / ELISA / IFA

Results : - = negative ; +/- = equivocal ; + = moderate to strong positive ; TC = non-specific reaction with tissue control ; IN = positive or equivocal result interpreted as non-specific because not confirmed by other serologic assays ; PDG = pending ; QNS = quantity not sufficient ; NS = non specific reaction with the antigen tested ; NT = not tested.

The anti-immunoglobulin (Anti-Ig) MFIA verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff (typically ≥ 7000 or higher). An Anti-Ig assay result of F (for Fail), assigned if the MFI is below the cutoff, might occur because the sample was received too dilute or was collected from an immunocompromised host. If a sample fails the Anti-Ig MFIA, then negative and equivocal results in MFIA for microbial antibodies are considered I (for inconclusive).

L'anti-immunoglobuline (Anti-Ig) de la méthode MFIA vérifie que l'échantillon de sérum présente une concentration suffisante en immunoglobulines pour permettre l'analyse sérologique. Un résultat "P" (pour passe) correspond à un index moyen de fluorescence (MFI) au niveau ou au-dessus de la limite (fixée à ≥ 7000). Un résultat Anti-Ig "F" (pour échec), correspond à un MFI en-dessous de la limite, ce qui peut arriver si l'échantillon de sérum est trop dilué ou s'il s'agit d'un sérum prélevé sur un animal immunodéficient. Si un échantillon est "F" pour l'Anti-Ig du MFIA, alors tous les résultats des essais MFIA seront considérés comme "I" (ininterprétable).

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Sample Information

Number	Code	Species	Colony
1	Macedonicus/Lassance	Mouse	n/d
2	Domesticus/Lassance	Mouse	n/d
3	Musculus/Lassance	Mouse	n/d