



ACCREDITATION CERTIFICATE

LB-TEST-138

Emirates International Accreditation Centre

has accredited

MOLECULAR BIOLOGY AND GENETICS LABORATORY (MBG LAB)

17th street | 2nd Zabeel Road | Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 27/12/2022 to 12/03/2025

Initial Accreditation Date: 13/03/2016




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope
Veterinary Testing
LB-TEST-138

Molecular Biology and Genetics Laboratory (MBG Lab)

17th street, 2nd Zabeel Road

Dubai-United Arab Emirates

Issue no.: 05

Date: 27-12-2022

Valid to: 12-03-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Identification	EDTA Blood, Egg Shell, Feather, Tissue	Avian sexing Identification by PCR	In-house documented method, MBG-SOP0028
Molecular Microbiology	EDTA Blood	Detection of Equine Piroplasmosis (Theileria equi/ Babesia caballi Real-Time PCR	In-house documented method, MBG-SOP0017
Molecular Microbiology	EDTA Blood	Detection of Blue Tongue Virus by Real-Time PCR	In-house documented method, MBG-SOP0151
Molecular Microbiology	Culture, EDTA Blood, Milk, Tissue	Detection of Brucella species by Real-Time PCR	In-house documented method, MBG-SOP0004
Molecular Microbiology	Culture, EDTA Blood, Milk, Tissue	Detection of Brucella abortus by Real-Time PCR	In-house documented method, MBG-SOP0004
Molecular Microbiology	Culture, EDTA Blood, Milk, Tissue	Detection of Brucella melitensis by Real-Time PCR	In-house documented method, MBG-SOP0004

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Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Microbiology	Culture, EDTA Blood, Milk, Tissue	Detection of <i>Coxiella</i> species (<i>C.brunetti</i> , <i>Coxiella symbiont</i>) by Real-Time PCR	In-house documented method, MBG-SOP0023
Molecular Microbiology	Culture	Detection of <i>Campylobacter jejuni</i> by Real-Time PCR	Kit-based method, MBG-SOP0021
Molecular Microbiology	Culture	Detection of <i>Campylobacter coli</i> by Real-Time PCR	Kit-based method, MBG-SOP0022
Molecular Microbiology	Culture	Detection and Differentiation of <i>Taylorella equigenitalis</i> and <i>Taylorella asinigenitalis</i> by Real-Time PCR	In-house documented method, MBG-SOP0020
Molecular Microbiology	Culture, EDTA Blood, Tissue	Detection of African Horse Sickness (AHS) virus by Real-Time PCR	In-house documented method, MBG-SOP0149

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Molecular Microbiology	Culture, EDTA Blood ,Tissue	Detection of Circovirus by Real-Time PCR	In-house documented method, MBG-SOP0011
Molecular Microbiology	Culture, Nasal Secretions (in RNA preservative, Conjunctival Swab (in RNA preservative)	Detection of Equine Arteritis virus (EAV) by RT-Real-Time PCR	In-house documented method, MBG-SOP0005
Molecular Microbiology	Culture, Nasal Swab, Tissue	Detection of Equine Herpes Virus-1 (EHV-1) by Real-Time PCR	In-house documented method, MBG-SOP0006
Molecular Microbiology	Culture, Secretions, EDTA Blood, Tissue	Detection of Foot and Mouth disease (FMD) virus by RT-Real-Time PCR	In-house documented method, MBG-SOP0008
Molecular Microbiology	Choanal/Cloacal Swab (in RNA preservative)	Detection of Avian Influenza H5 by RT-Real-Time PCR	Kit-based method, MBG-SOP0012

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Molecular Microbiology	Choanal/Cloacal Swab (in RNA preservative)	Detection of Avian Influenza H7 by RT-Real-Time PCR	Kit-based method, MBG-SOP0013
Molecular Microbiology	Choanal/Cloacal Swab (in RNA preservative), Tissue (in RNA preservative)	Detection of Avian Influenza N1 virus by PCR and Gel amplification	In-house documented method, MBG-SOP0136
Molecular Microbiology	Culture, EDTA Blood, Organ Swab, Tissue	Detection of Leptospira species (virulent species) by Real-Time PCR	In-house documented method, MBG-SOP0010
Molecular Microbiology	Culture, Nasal/Oropharyngeal Swab, EDTA Blood, Milk, Tissue	Detection of Mycoplasma species (General) by Real-Time PCR	Kit-based method, MBG-SOP0018
Molecular Microbiology	Culture, Nasal/Oropharyngeal Swab, EDTA Blood, Milk, Tissue	Detection of Mycoplasma bovis, by Real-Time PCR	In-house documented method, MBG-SOP0019

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Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Microbiology	Culture, EDTA Blood, Skin Lesions, Tissue	Detection of Orthopox virus in Camel by Real-Time PCR	In-house documented method, MBG-SOP0016
Molecular Microbiology	Culture, Guttural Pouch Flush, Nasopharyngeal Swab	Detection of Streptococcus equi equi by Real-Time PCR	In-house documented method, MBG-SOP0027
Molecular Microbiology	Culture, EDTA Blood	Detection of Trypanosoma species (T.evansi, T.brucei) by Real-Time PCR	In-house documented method, MBG-SOP0026
Molecular Microbiology	EDTA Blood, Culture, Tissue (in RNA preservative)	Detection of West Nile Virus (WNV) by RT-Real-Time PCR	In-house documented method, MBG-SOP0009
Molecular Microbiology	Choanal/Cloacal/Nasal swab(In RNA Preservative), (Tissue in RNA Preservative)	Detection of Influenza B by Real time RT PCR	In-house documented method MBG-SOP0001/Kit based method MBG-SOP0225

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Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Microbiology	Culture, Milk (In RNA Preservative), (Tissue in RNA Preservative)	Detection of Bovine viral Diarrhea Virus (BVDV) by Real time RT PCR	In-house documented method MBG-SOP0024
Molecular Microbiology	Choanal/Cloacal/Nasal swab(In RNA Preservative), (Tissue in RNA Preservative)	Detection of Influenza A by Real time RT PCR	In-house documented method MBG-SOP0001/Kit based method MBG-SOP0225
Molecular Microbiology	Nasal secretions (In RNA Preservative), Nasal swab(In RNA Preservative)	Detection of MERS-Corona virus by Real time RT PCR	In-house documented method MBG-SOP0002
Molecular Microbiology	Choanal/Cloacal/Nasal swab(In RNA Preservative)	Detection of Influenza H9 by Real time RT PCR	In-house documented method MBG-SOP0235
Molecular Microbiology	Naso-oropharyngeal Swab (in transport media)	Detection of SARS-CoV-2 by Real time RT PCR	In-house documented methods MBG-SOP215 MBG-SOP214

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Type of Activity	Test Materials/Products	Test Name	Test Method
Molecular Identification	Meat, Milk Powder, Milk	Mammalian species Identification by Real-Time PCR (Camel, Equine, Ovine, Caprine, Porcine)	In-house documented method, MBG-SOP0031

Accreditation History		
Issue no.	Details	Date
05	Renewal of the accreditation, Voluntary Reduction in scope (remove: Detection of Bovine viral diarrhoea Virus 1 and 2 by Real-Time PCR, Detection of Influenza A virus by Real-Time PCR, Detection of MERS Corona virus by Real-Time PCR) and Extension in scope	27-12-2022
04	Certificate validity was extended for 6 months from 13-03-2022 up to 12-09-2022	13-03-2022
03	Renewal accreditation and transfer to the new version of ISO/ IEC 17025:2017	25-12-2020
02	Renewal accreditation from Emirates International Accreditation Centre EIAC (was formerly known as DAC)	13-03-2019
01	Granted accreditation from Dubai Accreditation Center 'DAC'	13-03-2016