

Annex to the accreditation certificate

N°. 1/033

Standard: ISO/IEC 17025:2017

Organism:

Integrated Biobank of Luxembourg (IBBL) Institute

1, rue Louis Rech
L-3555 Dudelange

Version of the technical appendix: 01

6th July 2020

Date of issue of the accreditation certificate: 6th July 2020

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Document approved by:



Dominique Ferrand
Head of OLAS department



OFFICE LUXEMBOURGEOIS D'ACCREDITATION ET DE SURVEILLANCE

Laboratory:	Integrated Biobank of Luxembourg (IBBL) Institute	Standard: ISO/IEC 17025:2017
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Accreditation scope for a testing laboratory

General domain: LAB 18 - Biological analyses

Technical domains: LAB18.1 – Molecular biology

Objects submitted to testing or analysis (ex. products, materials, samples, matrix or equipment)	Characteristics or measured properties	Measurement principles and equipment (ex. manual or automatic measurement)	Testing methods (ex. published, adapted, internally validated)
DNA extracts	DNA quantity	Spectrophotometry	M007 (in-house developed) Nucleic Acid Quantification by Spectrophotometry
	Ratio		
	DNA quantity	Spectrofluorometry	M005 (in-house developed) DNA Quantification by Spectrofluorometry
RNA extracts	RNA quantity	Spectrophotometry	M007 (in-house developed) Nucleic Acid Quantification by Spectrophotometry
	Ratio		
	Electrophoresis profile properties (RNA Integrity)	Electrophoresis	M008 (in-house developed) RNA Integrity Measure (RIN)
DNA	16s RNA gene sequence	Targeted sequencing (MiSeq Illumina)	M053 (in-house developed) 16S rRNA Gene Sequencing

The laboratory is deemed competent in adapting and implementing recognised methods as well as methods designed by it. The laboratory is responsible for the validation of the methods it implements. The possibility of introducing new methods does not include the introduction of new measurement principles.

The laboratory is also responsible for the management of the list of methods it uses.