

Annex to the accreditation certificate: N° 1/033 According to standard ISO/IEC 17025:2017 For a testing laboratory

Version 02 of the technical annex from 27 November 2023
Valid until 28 May 2028

Accredited organisation:

Luxembourg Institute of Health

Integrated Biobank of Luxembourg (IBBL) Institute
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Document approved by:

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Head of OLAS department

Biology / Health / Forensic

Objects submitted for analysis	Characteristics or properties measured	Measurement principle and equipment	Analysis methods
(e.g. products, materials, samples, matrices, equipment)		(e.g. manual or automatic measurement)	(e.g. published, adapted, checked internally)
Flexible scope tests *			
General domain: LAB 18 - Biological analyses			
Technical domains: LAB18.1 – Molecular biology			
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

* Flexible scope: 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. It is also responsible for managing the list of methods it uses.

The possibility of introducing new methods does not include the introduction of new measurement principles.

The list of accredited activities is available on request from the laboratory.