# Hellenic Accreditation System

Annex G1/5 to the Certificate No.**1171**-2

# SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

**BYLIS DC**

| Tested materials / products | Types of test / Properties to be measured | Applied Standards / Techniques to be used |
|---|---|---|
| **Biochemical Tests** | | |
| Blood Serum | **Determination of 12 parameters** | **Automated analyzer Cobas Integra 400$^{+}$-Roche *** P20-EK/00/02.05.2017 |
| | 1. Alanine Aminotransferase (ALT/GPT) | KINETICS-Alanine aminotransferase Liquid Reagent IFCC |
| | 2. Aspartate Aminotransferase (AST/GOT) | KINETICS- Aspartate aminotransferase Liquid Reagent IFCC |
| | 3. Glucose | END POINT-Hexokinase |
| | 4. Urea | KINETIC-Urease |
| | 5. Creatinine | KINETIC-Jaffe |
| | 6. Cholesterol total | END POINT-Cholesterol |
| | 7. Triglycerides | END POINT-Triglycerides |
| | 8. Cholesterol HDL | END POINT -HDL-cholesterol |
| | 9.Cholesterol LDL | END POINT- LDL-cholesterol |
| | 10. Total Bilirubine | END POINT-Colorimetric Diazo |
| | 11. Direct Bilirubine | END POINT-Diazo |
| Whole Blood | 12. HbA1C | END POINT-HbA1C |

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| **Immunochemical Tests** | | |
| Blood Serum | **Determination of 3 parameters** | **Automated analyzer * Cobas e-411 Roche**<br>P20-EK/00/02.05.2017 |
| | 1.Thyroid Stimulues Hormone (TSH) | Chemiluminescence |
| | 2. Free Thyroxin (FT4) | Chemiluminescence |
| | 3.Prostatic Specific Antigen (PSA) | Chemiluminescence |
| **Hematology Tests** | | |
| Whole Blood (EDTA) | **Determination of 5 parameters** | **Automated analyzer XN-330 Sysmex*** P20-EK/00/02.05.2017 |
| | 1. Hemoglobin (HB) | Method Photometry |
| | 2. Haematocrit (HCT) | Method Numeric integration |
| | 3. White Blood Cells (WBC) | DHSS Technology Cytometry & Cytochemical association |
| | 4. Red Blood Cells (RBC) | Method Impedance |
| | 5. Platelets (PTL) | Method Impedance |
| **Urine Tests** | | |
| Urine | **Determination of 10 parameters** | **Strip analyser 500-Dialab ***<br>P20-EK/00/02.05.2017 |
| | 1.Leucocytes | Urine Strip 11 |
| | 2.Nitrites | Urine Strip 11 |
| | 3.Urobilinogen | Urine Strip 11 |
| | 4.Protein | Urine Strip 11 |
| | 5.pH | Urine Strip 11 |

| Tested materials / products | Types of test / Properties to be measured | Applied Standards / Techniques to be used |
|---|---|---|
| | 6. SG (Specific Gravity) | Urine Strip 11 |
| | 7. Ketones | Urine Strip 11 |
| | 8. Bilirubine | Urine Strip 11 |
| | 9. Glucose | Urine Strip 11 |
| | 10. Hemoglobin | Urine Strip 11 |

**The use of the analyser's brand name refers to a specific analytical method and the corresponding experimental protocol*

Site of assessment: **Laboratory Permanent premises: FIER Lagjja 1 Maj, Rruga Jani Bakalli, Nd 7, Njesia 4, Albania.**
**Primary Sample Collection Site: FIER Lagjja 1 Maj, Rruga Jani Bakalli, Nd 7, Njesia 4, Albania.**

Approved signatories: **Elsa Shehu.**

This Scope of Accreditation replaces the previous one dated 12.09.2023.
The Accreditation Certificate No.**1171**-2, to ELOT EN ISO 15189:2022, is valid until 20.06.2028.

Athens, 28th November 2025

Konstantinou Evangelos Apostolos
*CEO of ESYD*