Hellenic Accreditation System

Annex G1/10 to the Certificate No.**1036**-3

SCOPE of ACCREDITATION

of the

Biochemistry Laboratory

of

General Hospital of Agios Nikolaos

of

7th YPE KRITIS

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Biochemical Tests		
1. Blood Serum	**Determination of 27 parameters**	**Automated biochemical analyzer Beckman Coulter DxC 700 AU***
	1. Alkaline Phosphatase (ALP)	**Kinetic colour test -IFCC Method BLOSR6X04 06**
	2. Alanine Aminotranferase (ALT/SGPT)	**Kinetic UV test. IFCC Method Without Pyridoxal Phoshate BLOSR6X07 08**
	3. Aspartate Aminotranferase (AST/ SGOT)	**Kinetic UV test. IFCC Method Without Pyridoxal Phoshate BLOSR6X09 08**
	4. Gamma-Glutamyltransferase (γGT)	**Kinetic colour test -IFCC Method BLOSR6X20 07**
	5. Creatine Kinase (CK/CPK)	**Kinetic UV test. CK-NAK μεθοδ (IFCC) BLOSR6X79 07**
	6. Lactate Dehydrogenase (LDH)	**Kinetic UV test - (IFCC Method) BLOSR6X28 07**
	7. Amylase (AMY)	**Kinetic colour test - $CNPG_3$ BLOSR6X06 05**

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood Serum (continued)	8. Total Bilirubin (TBIL)	**Kinetic colour test- DPD BLOSR6X11 07**
	9. Direct Bilirubin (DBIL)	**Photometric colour test DPD BLOSR6X12**
	10. Urea	**Kinetic UV test - Urease/GLDH BLOSR6X34 10**
	11. Glucose (GLU)	**Enzymatic UV test -hexokinase method BLOSR6X21 09**
	12. Creatinine (CREA)	**Kinetic colour test - Jaffe Compensated BLOSR6X78 14**
	13. Cholesterol (TC)	**Enzymatic colour test - CHO-POD BLOSR6X16 12**
	14. HDL Cholesterol (HDL-C)	**Enzymatic colour test Direct Homogeneous BLOSR6X99 09**
	15. Triglycerides (TGs)	**Enzymatic colour test GPO-POD BLOSR6X118 07**
	16. Uric Acid (UA)	**Enzymatic colour test Uricase/POD, BLOS66320 08**
	17. Total Proteins (TP)	**Photometric colour test - Biuret BLOSR6X32 06**
	18. Albumin (ALB)	**Photometric colour test with Bromocresol Green BLOSR6X02 08**
	19. Iron (Fe)	**Photometric colour test with TPTZ, BLOSR6X86 06**
	20. Phosphate (P)	**Photometric UV test, phosphomolybdenum complex BLOSR6X22 07**
	21. Magnesium (Mg)	**Photometric colour test with Xylidyl blue, BLOSR6X89 06**
	22. Potassium (K)	**Ionselective test - detemination of concetration by electrical potential, according to the Nernst Equation BLOS66320 08**

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood Serum (continued)	23.Sodium (Na)	**Ionselective test - detemination of concetration by electrical potential, according to the Nernst Equation BLOS66320 08**
	24.Chlorine (Cl)	**Ionselective test - detemination of concetration by electrical potential, according to the Nernst Equation BLOS66320 08**
	25.Calcium Total (Ca)	**Photometric colour test- Arsenazo III BLOSR6X117 10**
	26.C Reactive Protein (CRP) - quantitative	**Particle Enhanced Immunoturbidimetric Assay - Latex** **BLOSR6X99 09**
2. Whole blood (EDTA)	**Determination of 1 parameter**	**Automated biochemical analyzer Beckman Coulter DxC 700 AU***
	1. Glycated Haemoglobin (HbA1C)	**Turbidimetric Immunoinhibition method, BLOSB93009 04**

* *Reference to the commercial name of a specific analyzer, refers to a specific analytical method and protocol*

Site of assessment: **Laboratory permanent premises: Konstantinou Palaiologou & Knossos str., Aghios Nikolaos, Crete, Greece.**

Primary Sample Collection: **Laboratory permanent premises: Konstantinou Palaiologou & Knossos str., Aghios Nikolaos, Crete, Greece.**

Approved signatories: **E. Mihailellis, A. Fronimaki.**

This Scope of Accreditation replaces the previous one dated 16.10.2024.
The Accreditation Certificate No.**1036**-3, to ELOT EN ISO 15189:2022, is valid until 20.04.2029.

Athens, 14th of April 2025

Konstantinou Evangelos Apostolos
CEO of ESYD