Hellenic Accreditation System

Annex G1/B3 to the Certificate No. **898**-5

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

KYTTARO IATRIKI LTD – IOANNINA BRANCH

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Biochemical Tests		
Blood serum	**Determination of 31 parameters**	**Automated immunobiochemical analyzer Alinity ci, Abbott* (catalogue E.550-1_2-2-2024_IΩ)**
	1. Glucose (GLU)	Enzymatic (Hexokinase)
	2. Urea (UREA)	Kinetic - Enzymatic (urease)
	3. Urea Nitrogen	Calculated from Urea
	4. Creatinine (CREA2)	Kinetic – Colorimetric (Jaffè)
	5. Sodium (Na)	Ion Selective Electrode (ISE, indirect)
	6. Potassium (K)	Ion Selective Electrode (ISE, indirect)
	7. Cloride (Cl)	Ion Selective Electrode (ISE, indirect)
	8. Total Protein (TP)	Colorimetric method (Biuret)
	9. Albumin (ALB)	Colorimetric method (Bromcresol Green)
	10. Total Globulines	Calculated from Total Protein (TP) and Albumin (ALB)
	11. Triglycerides (TRIG2)	Enzymatic - Colorimetric (GPO)
	12. Cholesterol Total (CHOL2)	Enzymatic
	13. HDL-Cholesterol (HDLC)	Enzymatic - Colorimetric (ASD)
	14. VLDL Cholesterol (VLDL-C)	Calculated from Triglycerides (TRIG)
	15. LDL- Cholesterol (LDLC)	Calculated from Cholesterol Total (CHOL), Triglycerides (TRIG) and HDL-Cholesterol (HDLC).
	16. Total Lipids	Calculated from Cholesterol Total (CHOL) and Triglycerides (TRIG)
	17. Phospholipides	Calculated from Cholesterol Total (CHOL)
	18. Uric Acid (UA2)	Enzymatic - Colorimetric (Uricase)

Blood serum (continued)	19. Bilirubin Total (BILT)	Colorimetric (Diazonium Salt)
	20. Calcium (Ca)	Colorimetric (Arsenazo III)
	21. Phosphate (P)	Colorimetric (Phosphomolybdate UV)
	22. Magnesium (Mg)	Colorimetric (Enzymatic)
	23. Iron (IRON2)	Colorimetric (Ferene)
	24. Aspartate Aminotranferase (AST2/SGOT)	Enzymatic- Kinetic acc. IFCC** (NADH without P-5'-P)
	25. Alanine Aminotranferase (ALT2/SGPT)	Enzymatic- Kinetic acc. IFCC** (NADH without P-5'-P)
	26. Alkaline Phosphatase (ALP2)	Enzymatic–Colorimetric (p-NPP)
	27. Gamma-glutamyltransferase (GGT2)	Enzymatic – Colorimetric (GCNA Liquid stand SZASZ)
	28. Lactate Dehydrogenase (LDH2)	Enzymatic–Colorimetricacc. IFCC**
	29. Creatine Kinase (CK)	Enzymatic–Photometric (NAC)
	30. Amylase (AMY2)	Enzymatic–Colorimetric (CNPG3)
	31. C-Reactive Protein (CRP)	Immunoturbidimetric
Immunochemical Tests		
Blood serum	**Determination of 10 parameters**	**Automated immunobiochemical analyzer Alinity ci, Abbott* (catalogue E.550-1_2-2-2024_IΩ)**
	1. Thyroid_Stimulating_Hormone (TSH)	Chemiluminescence Microparticle Immunoassay (CMIA)
	2. Thyroxin Free (FT4)	
	3. Vitamine B_{12}	
	4. Ferritin (FERRITIN)	
	5. Folate (FOLATE)	
	6. Thyroglobulin Antibodies II (Anti-TG)	
	7. Thyroid Peroxidase Antibodies (Anti-TPO)	
	8. Total β-hCG	
	9. Prostate Specific Antigen (PSA)	
	10. 25-hydroxy Vitamin D (25-OH VITAMIN D)	
Blood serum	**Determination of 1 parameter**	**Automated analyzer Centaur XP, SIEMENS* (catalogue E.550-1_2-2-2024_IΩ)**
	1. 25-hydroxy Vitamin D (25-OH VITAMIN D)	Chemiluminescence (CLIA) (competitive)
Hematological Tests		
Whole blood (EDTA)	**Determination of 8 parameters**	**Automated hematology analyzerDxH 500, Beckman Coulter***

Whole blood (EDTA) (continued)		**(catalogue E.550-1_2-2-2024_IΩ)**
	1. Red Blood Cells (RBC)	Coulter Principle
	2. Haemoglobin (HGB)	Photometry
	3. Hematocrit (HCT)	Calculated from RBC και MCV
	4. Mean Cell Haemoglobin (MCH)	Calculated from HGB και RBC
	5. Mean Cell Haemoglobin Concentration (MCHC)	Calculated from HGB και HCT
	6. Platelets (PLT)	Coulter Principle
	7. Mean Cell Volume (MCV)	From histogram RBC
	8. White Blood Cells (WBC)	Coulter Principle
Whole blood (EDTA)	**Determination of 1 parameter**	**High performance liquid chromatography (HPLC) analyzer Hb Next, MENARINI* (catalogue E.550-1_2-2-2024_IΩ)**
	1. Glycated Hemoglobin A_1C (HbA_1C)	High performance liquid chromatography (HPLC)

**Reference to the commercial name of a specific analyzer/kit, refers to a specific analytical method and protocol*
***IFCC: International Federation of Clinical Chemistry*

Site of assessment: **Laboratory permanent premises: Ioannina Branch, 9 Filikis Etaireias str, 45444, Ioannina.**
Primary Sample Collection Site: N/A
Approved signatories: **A. Charitou, A.M. Vlaikou, A. Samalidou.**

This Scope of Accreditation replaces the previous one dated 19.09.2024.
The Accreditation Certificate No.**898**-5, to ELOT EN ISO 15189:2022, is extended until 29.06.2026, according to ESYD decision.

Athens, 22nd of December 2025

Konstantinou Evangelos Apostolos
CEO of ESYD