Hellenic Accreditation System

Annex G1/B9 to the Certificate No. **958**-7

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

LABNET MEDICAL S.A.

LARISSA BRANCH

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Biochemical testing		
Blood Serum	**Determination of 37 parameters**	**Automated biochemical analyzer Alinity ci (AC03019) ABBOTT* (ΕΞΟ-12/04/01-10-2025)**
	1. Albumin (ALB)	Colorimetric (Bromocresol Green)
	2. Total Protein (TP)	Colorimetric (Biuret)
	3. Total globulin	Calculated from total protein (TP) and albumin (ALB)
	4. Albumin / Total globulin ratio	Calculated from total protein (TP) and albumin (ALB)
	5. Glucose (GLUC)	Enzymatic – colorimetric (HEX-G6PDH)
	6. Urea (UREA)	Enzymatic – colorimetric (Urease)
	7. Blood Urea Nitrogen (BUN)	Calculated from urea (UREA)
	8. Uric acid (UA)	Enzymatic – colorimetric (Uricase)
	9. Creatinine (CREA)	Enzymatic – colorimetric (Jaffe)
	10. Cholesterol Total (CHOL)	Enzymatic – colorimetric (CHO-OEP-HBA)
	11. Triglycerides (TRIG)	Enzymatic – colorimetric (GPO)
	12. HDL Cholesterol (HDL-Chol)	Enzymatic – colorimetric (ASD)
	13. LDL Cholesterol (LDL-Chol)	Enzymatic – colorimetric
	14. VLDL Cholesterol (VLDL-Chol)	Calculated from triglycerides (TRIG)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Blood Serum (continued)	15. Atherogenic index	Calculated from total cholesterol (CHOL) and HDL cholesterol (HDL-Chol)
	16. Total lipids (LIPIDS)	Calculated from total cholesterol (CHOL) and triglycerides (TRIG)
	17. Phospholipids (PH-LIP)	Calculated from total cholesterol (CHOL)
	18. Alanine Aminotransferase (ALT/SGPT)	Enzymatic –Kinetic - Colorimetric (NADH)
	19. Aspartate Aminotransferase (AST/SGOT)	Enzymatic –Kinetic - Colorimetric (NADH)
	20. Gamma-Glytamyl Transferase (γ-GT)	Enzymatic
	21. Alkaline Phosphatase (ALP)	Enzymatic –Kinetic - Colorimetric (Para-nP)
	22. Bilirubin Total (TBIL)	Enzymatic –Kinetic - Colorimetric (Diazonium)
	23. Bilirubin direct (DBIL)	Enzymatic –Kinetic - Colorimetric (Diazo)
	24. Bilirubin indirect (IBIL)	Calculated from bilirubin total (TBIL) and bilirubin direct (DBIL)
	25. Amylase (AMY)	Enzymatic - Colorimetric (GNPG3)
	26. Creatine Kinase (CK/CPK)	Enzymatic –Kinetic - Colorimetric (NAC)
	27. Lactate Dehydrogenase (LDH)	Enzymatic - Kinetic (IFCC)
	28. Iron (Fe)	Colorimetric (Ferene)
	29. Magnesium (Mg)	Enzymatic
	30. Phosphorus (Phos)	Colorimetric (Phosphomolybdate)
	31. Calcium (Ca)	Colorimetric (Arsenazo III)
	32. Potassium (K)	Ion Selective Electrodes (ISE)
	33. Sodium (Na)	Ion Selective Electrodes (ISE)
	34. Chloride (Cl)	Ion Selective Electrodes (ISE)
	35. Serum Osmolality	Calculated from glucose (GLUC), urea (UREA) and sodium (Na)
	36. C-reactive protein (CRP)	Turbidimetry (TA) / Immunoturbidimetry (ITA)
	37. Rheumatoid factor (RF)	Immunoturbidimetry (ITA)
Immunochemical Testing		
Blood Serum	**Determination of 22 parameters**	**Automated immunoassay analyzer Alinity ci (AI20977) ABBOTT* (ΕΞΟ-12/04/01-10-2025)**
	1. Ferritin (FERR)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Thyroid-Stimulating Hormone	Chemiluminescent Microparticle

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Blood Serum (continued)	(TSH)	Immunoassay (CMIA)
	3. Anti-Thyroglobulin antibodies (anti-TG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	4. Anti-Thyroid Peroxidase antibodies (anti-TPO)	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Free Triiodothyronine (FT3)	Chemiluminescent Microparticle Immunoassay (CMIA)
	6. Free Thyroxine (FT4)	Chemiluminescent Microparticle Immunoassay (CMIA)
	7. Total Triiodothyronine (TT3)	Chemiluminescent Microparticle Immunoassay (CMIA)
	8. Total Thyroxine (TT4)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. β-Human Chorionic Gonadotropin (β-hCG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	10. Prostate-Specific Antigen (PSA)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Alpha Fetoprotein (AFP)	Chemiluminescent Microparticle Immunoassay (CMIA)
	12. Carcinoembryonic antigen (CEA)	Chemiluminescent Microparticle Immunoassay (CMIA)
	13. Cancer antigen 125 (CA125)	Chemiluminescent Microparticle Immunoassay (CMIA)
	14. Cancer antigen 15.3 (CA15.3)	Chemiluminescent Microparticle Immunoassay (CMIA)
	15. Vitamin B12 (B12)	Chemiluminescent Microparticle Immunoassay (CMIA)
	16. Folate acid (FOLATE)	Chemiluminescent Microparticle Immunoassay (CMIA)
	17. 25-OH Vitamin D (25-OH VitD)	Chemiluminescent Microparticle Immunoassay (CMIA)
	18. Testosterone (TESTO)	Chemiluminescent Microparticle Immunoassay (CMIA)
	19. Sex Hormone-Binding Globulin (SHBG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	20. Free Androgen Index (FAI)	Chemiluminescent Microparticle Immunoassay (CMIA)
	21. Thyroglobulin (TG)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood Plasma (EDTA) or Blood Serum	22. intact Parathyroid Hormone (iPTH)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood Serum	**Determination of 14 parameters**	**Automated immunoassay analyzer Alinity i (AI24525) ABBOTT* (ΕΞΟ-12/04/01-10-2025)**
	1. Hepatitis B surface antigen (HBsAg)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Hepatitis B core antigen antibodies (anti-HBc)	Chemiluminescent Microparticle Immunoassay (CMIA)
	3. Hepatitis B surface antibodies (anti-HBs)	Chemiluminescent Microparticle Immunoassay (CMIA)
	4. Human immunodeficiency virus type 1/2 antigen/antibodies (HIV 1/2 Ag/Ab)	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Hepatitis C antibodies (anti-HCV)	Chemiluminescent Microparticle

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Blood Serum (continued)		Immunoassay (CMIA)
	6. Toxoplasma IgG antibodies (Toxo IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	7. Toxoplasma IgM antibodies (Toxo IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	8. Rubella IgG antibodies (Rubella IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. Rubella IgM antibodies (Rubella IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	10. Cytomegalovirus IgG antibodies (CMV IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Cytomegalovirus IgM antibodies (CMV IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	12. Vitamin B12 (B12)	Chemiluminescent Microparticle Immunoassay (CMIA)
	13. Folate acid (FOLATE)	Chemiluminescent Microparticle Immunoassay (CMIA)
	14. 25-OH Vitamin D (25-OH VitD)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum	**Determination of 8 parameters**	**Automated immunoassay analyzer Cobas e411 ROCHE* (ΕΞΟ-12/04/01-10-2025)**
	1. Cancer antigen 19.9 (CA19.9)	Elecrochemiluminescence Immunoassay (ECLIA)
	2. Estradiol (E2)	Elecrochemiluminescence Immunoassay (ECLIA)
	3. Progesterone (PRG)	Elecrochemiluminescence Immunoassay (ECLIA)
	4. Follicle Stimulating Hormone (FSH)	Elecrochemiluminescence Immunoassay (ECLIA)
	5. Luteinizing Hormone (LH)	Elecrochemiluminescence Immunoassay (ECLIA)
	6. Prolactin (PRL)	Elecrochemiluminescence Immunoassay (ECLIA)
	7. Dehydroepiandrosterone Sulfate (DHEA-S)	Elecrochemiluminescence Immunoassay (ECLIA)
	8. Cortisol (CORT)	Elecrochemiluminescence Immunoassay (ECLIA)
Hematological Testing		
Whole Blood (EDTA)	**Determination of 1 parameter**	**Automated electrophoresis system HBNEXT MENARINI* (ΕΞΟ-12/04/01-10-2025)**
	1. Glycated Haemoglobin A_1c (HbA_1c)	High performance liquid chromatography (HPLC)
Whole Blood (EDTA)	**Determination of 10 parameters**	**Automated hematological analyzer Celldyn EMERALD 22 ABBOTT* (ΕΞΟ-12/04/01-10-2025)**
	1. Hemoglobin (HGB)	Spectrophotometric
	2. Hematocrit (HCT)	Calculated from RBC and MCV
	3. Red Blood Cells (RBC)	Electrical impedance

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Whole Blood (EDTA) (continued)	4. Mean Corpuscular Volume (MCV)	Calculated from red blood cell size distribution data
	5. Mean Corpuscular Hemoglobin (MCH)	Calculated from HGB and RBC
	6. Mean Cell Hemoglobin Concentration (MCHC)	Calculated from HGB and HCT
	7. Red blood cell Distribution Width (RDW)	Calculated from RBC histogram
	8. White Blood Cells (WBC)	Optical count (WOC) / Impedance count (WIC)
	9. Platelets (PLT)	Electrical impedance
	10. Mean Platelet Volume (MPV)	Calculated from PLT histogram

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

Site of assessment: **Laboratory Permanent premises: Larisa Branch, 3rd kilometer Palaia Ethniki Odos Larissa - Athens, 41335 Larissa, Greece**.

Approved signatories: **D. Poutsiakas, E. Minos.**

This scope of Accreditation replaces the previous one dated 07.03.2025.
The Accreditation Certificate No. **958**-7, to ELOT EN ISO 15189:2022, is valid until 02.12.2027.

Athens, 18th of May 2026

Konstantinou Evangelos Apostolos
CEO of ESYD