Hellenic Accreditation System

Annex G1/6 to the Certificate No. **1141**-2

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

APOSTOLAKOPOULOS

Medical Diagnostic Center

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Biochemical Tests		
Blood serum	**Determination of 23 parameters**	**Automated biochemical analyzer, Siemens ATTELLICA C1* E.410-1/3/14.07.2025**
	1. Glucose	Enzymatic (HKGGP-DH)
	2. Calcium	Colorimetric (Arsenazo III)
	3. Albumin	Colorimetric (BCG)
	4. Protein (total)	Colorimetric (biuret)
	5. Urea	Enzymatic (urease, UV)
	6. Creatinine	Colorimetric (Jaffe, no deproteinization)
	7. Uric acid	Enzymatic (uricase- PAP)
	8. Bilirubin (total)	DPD
	9. Bilirubin (direct)	DPD
	10. Iron	Ferrozine
	11. Cholesterol (total)	Enzymatic (CHOD – POD)
	12. HDL-Cholesterol	a) Selective Immunointerference, b) Enzymatic - colorimetric
	13. Triglycerides	Enzymatic (GPO – PAP)
	14. Amylase	IFCC (EPS)
	15. Alkaline phosphatase	IFCC
	16. γ-GT	IFCC

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Blood serum (continued)	17. Creatinine kinase	IFCC
	18. LDH→P	IFCC/DGKC
	19. ALT/SGPT	IFCC/DGKC
	20. AST/GOT	IFCC/DGKC
	21 CK	IFCC
	22. Sodium	Direct potentiometric, ISE
	23. Potassium	Direct potentiometric, ISE
Immunochemical Tests		
Blood serum	**Determination of 11 parameters**	**Automated Immunochemical analyzer Siemens ATTELLICA C1*** **E.410-1/3/14.07.2025**
	1. B-Human Chorionic gonadotropin (b-ThCG)	Chemiluminescence
	2. Thyrotropin Hormone (TSH)	Chemiluminescence
	3. Triidothyronine total (T3)	Chemiluminescence
	4. Thyroxin total (T4)	Chemiluminescence
	5. Free Thyroxin (FT4)	Chemiluminescence
	6. Free Triidothyronine	Chemiluminescence
	7. Prostatic Specific Antigen (PSA)	Chemiluminescence
	8. Estradiol (E_2)	Chemiluminescence
	9. Follicle stimulating hormone (FSH)	Chemiluminescence
	10. Luteinizing hormone (LH)	Chemiluminescence
	11. Prolactin (PRL)	Chemiluminescence
Haematological Tests		
Whole Blood EDTA	**Determination of 15 parameters**	**Automated analyser ADVIA 2120 SIEMENS*** **E.410-1/3/14.07.2025**
	1. White Blood Cells(WBC)	Flow Cytometry method
	2. Hematocrit (HCT)	Calculated
	3. Haemoglobin (HGB)	Photometry
	4. Red Blood Cells (RBC)	Flow Cytometry method
	5. Platelets (PLTs)	Flow Cytometry method
	6. Mean Cell Volume (MCV)	Flow Cytometry method
	7. Mean Cell hemoglobin (MCH)	Calculated

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Whole Blood EDTA (continued)	8. Mean Cell Hemoglobin Concentration (MCHC)	Calculated
	9. Red Blood cell Distribution Width (RDW)	Calculated
	10. Mean platelets Volume (MPV)	Calculated

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

Site of assessment: **Permanent laboratory premises: 22, Aretaiou str & Panormou, 11522, Athens.**
Primary Sample Collection Site: **22, Aretaiou str & Panormou, 11522, Athens.**

Approved signatories: **Panagiotis Apostolakopoulos, Konstantinos Tsiartas.**

This scope of Accreditation replaces the previous one dated 21.09.2023.
The Accreditation Certificate No. **1141-**2, to ELOT EN ISO 15189:2022, is valid until **02.10.2027.**

Athens, 31st July 2025

Konstantinou Evangelos Apostolos
CEO of ESYD