Hellenic Accreditation System

Annex G1/10 to the Certificate No. **979**-5

SCOPE of ACCREDITATION
of the
Department of Clinical Biochemistry
of the
Division of Laboratory Medicine
of
General Hospital of Athens "ELPIS"

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Immunochemical Tests		
Blood serum	**Determination of 5 parameters**	**Automated analyzer Alinity i Abbott* E.BX.530-1, Revision 6, 3/5/2023**
	1. Triidothyronine total (Total T3)	Chemiluminescense
	2. Free Triidothyronine (Free T3)	Chemiluminescense
	3. Thyroxin total (Total T4)	Chemiluminescense
	4. Free Thyroxin (Free-T4)	Chemiluminescense
	5. Thyrotropin Hormone (TSH)	Chemiluminescense
Biochemical Tests		
Blood serum	**Determination of 26 parameters**	**DIMENSION EXL WITH LM 1 and 2 (SIEMENS) Clinical Chemistry Systems*, E.BX.530-1, Revision 6, 3/5/2023**
	1. Glucose	Hexokinase
	2. Total Cholesterol	Cholesterol oxidase, esterase, peroxidase
	3. Triglycerides	Glycerol phosphate oxidase, enzymatic end point
	4. HDL-Cholesterol	Direct without precipitation
	5. LDL-Cholesterol	By calculations
	6. Total Bilirubin	Modified diazotized method
Blood Serum (continued)	7. Direct Bilirubin	Modified diazotized method
	8. Albumin	Bromocresol violet

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
	9. Alkaline phosphatase	PNPP, AMP Buffer
	10. Alanine aminotransferase	IFCC modified, UV without P-5'-P
	11. Aspartate aminotransferase	IFCC modified, UV without P-5'-P
	12. G-Glutamyltranspeptdase	IFCC modified, G-glutamyl-carboxy-nitroanilide
	13. Creatine kinase	Transphosphorylation of phosphate
	14. Lactate dehydrogenase	L-lactate oxidization
	15. Urea	UV-urease
	16. Creatinine	Alkaline picrate-kinetic rate blanked IFCC-IDMS Standardized
	17. Sodium	Ion exchange
	18. Potassium	Ion exchange
	19. Chloride	Ion exchange
	20. Uric acid	Uricase colorimetric
	21. Calcium	OSPC complex
	22. Phosphate	UV-phosphomolybdate
	23. Magnesium	MTB blue
	24. Iron	Disodium salt complex
	25. Alpha-Amylaseo	Substrate complex with CNPG3
	26. C-Reactive Protein (RCRP)	Turbidimetry

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

Site of assessment**: Laboratory permanent premises:Department of Clinical Biochemistry, "ELPIS" General Hospital, Dimitsanas 7, 11522, Ampelokipoi, Athens, Greece.**

Primary Sample Collection Site: **Dimitsanas 7, 11522, Ampelokipoi, Athens, Greece.**

Approved signatories: **P. Karagkounis, G. Parvouleskou, S. Diamantopoulou, G. Paganitsa, E. Michas, E. Zosima, D. Mpriamatos, E. Petropoulou, Th. Dimitriou.**

This Scope of Accreditation replaces the previous one dated 31.07.2023.
The Accreditation Certificate No.**979**-5, to ELOT EN ISO 15189:2022, is valid until 01.06.2028.

Athens, 01.09.2025

Konstantinou Evangelos Apostolos
CEO of ESYD