Hellenic Accreditation System

Annex G1/12 to the Certificate No. **857**-6

SCOPE of ACCREDITATION
of the
Department of Clinical Biochemistry
of the
Division of Laboratory Medicine
of
General Pediatric Hospital "Aghia Sophia"

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Biochemical Tests		
1. Blood serum	**24 parameters determination**	**Cobas 6000 (C1, C2, C3) clinical chemistry analyzer Roche Diagnostics**
	1. Glucose	Hexokinase Enzymatic *E.BX.530-1, version 11, 08-11-2023*
	2. Total Cholesterol	Cholesterol oxidase, esterase, peroxidase *E.BX.530-1, version 11, 08-11-2023*
	3. Triglycerides	Glycerol phosphate oxidase, enzymatic end point *E.BX.530-1, version 11, 08-11-2023*
	4. HDL-Cholesterol	Homogenous Enzymatic Colorimetric (PEG) *E.BX.530-1, version 11, 08-11-2023*
	5. Total protein	Biuret, end point *E.BX.530-1, version 11, 08-11-2023*
	6. Total Bilirubin	Colorimetric with Diazonic ion *E.BX.530-1, version 11, 08-11-2023*
	7. Direct Bilirubin	Diazonium method *E.BX.530-1, version 11, 08-11-2023*

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood serum (continued)	8. Albumin	Bromocresol green (BCG) *E.BX.530-1, version 11, 08-11-2023*
	9. Alkaline phosphatase	PNPP, AMP Buffer *E.BX.530-1, version 11, 08-11-2023*
	10. Alanine aminotransferase	IFCC modified, UV without P-5'-P *E.BX.530-1, version 11, 08-11-2023*
	11. Aspartate Αμινοτρανσεράση	IFCC modified, UV without P-5'-P *E.BX.530-1, version 11, 08-11-2023*
	12. G-Glutamyltranspeptdase	IFCC modified, G-glutamyl-carboxy-nitroanilide *E.BX.530-1, version 11, 08-11-2023*
	13. Creatine kinase	NAC activated *E.BX.530-1, version 11, 08-11-2023*
	14. Lactate dehydrogenase	Lactate to Pyruvate *E.BX.530-1, version 11, 08-11-2023*
2. Blood serum and urine	15. Urea	UV-urease *E.BX.530-1, version 11, 08-11-2023*
	16. Creatinine	Enzymatic *E.BX.530-1, version 11, 08-11-2023*
	17. Sodium	*ISE Indirect* *E.BX.530-1, version 11, 08-11-2023*
	18. Potassium	*ISE Indirect* *E.BX.530-1, version 11 ,08-11-2023*
	19. Chloride	ISE Indirect *E.BX.530-1, version 11, 08-11-2023*
	20. Uric acid	Uricase colorimetric *E.BX.530-1, version 11, 08-11-2023*
	21. Calcium	NM-BAPTA complex *E.BX.530-1, version 11, 08-11-2023*
	22. Phosphate	UV-phosphomolybdate *E.BX.530-1, version 11, 08-11-2023*

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood serum and urine (continued)	23. Magnesium	Xylidyl blue *E.BX.530-1, version 11, 08-11-2023*
	24. Alpha-Amylase	G_7-PNP blocked *E.BX.530-1, version 11, 08-11-2023*

**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 "Aghia Sophia" Children's Hospital, GR 11527 Athens, Greece.**

Primary sample collection site**: Hospital permanent premises: "Aghia Sophia" Children's Hospital, GR 11527 Athens, Greece.**

Approved signatories: **A. Bartzeliotou, A. Margeli, F. Apostolakou, A. Kariyanni, E. Hanzi, M. Papastamataki, A. Tzortzopoulos.**

This Scope of Accreditation replaces the previous one dated 19.06.2024.
The Accreditation Certificate No.**857**-6, to ELOT EN ISO 15189:2022, is valid until 30.12.2029.

Athens, 5th of May 2025

Konstantinou Evangelos Apostolos
CEO of ESYD