Hellenic Accreditation System

Annex G1/8 to the Certificate No. **947**-7

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

AFFIDEA OF SPARTA

Private Multimodality Medical Single Member S. A.

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Biochemical Tests		
1. Blood serum	**Determination of 27 parameters**	**Automated biochemical analyzer COBAS Integra 400 plus, Roche***
	1. Glucose	Enzymatic Chromatometric method GOD-PAP OE 504-11, Έκδοση 2/14.7.16
	2. Triglycerides	Enzymatic Chromatometric method GPO – PAP OE 504-11, Έκδοση 2/14.7.16
	3. Total Cholesterol	Enzymatic method CHOD – PAP OE 504-11, Έκδοση 2/14.7.16
	4. VLDL-Cholesterol	Calculated method OE 504-11, Έκδοση 2/14.7.16
	5. HDL-Cholesterol	Enzymatic Chromatometric reaction OE 504-11, Έκδοση 2/14.7.16
	6. Uric acid	Enzymatic Chromatometric method uricase/peroxidase OE 504-11, Έκδοση 2/14.7.16
	7. Urea	Kinetic Enzymatic method / UV OE 504-11, Έκδοση 2/14.7.16
	8. Creatinine	Kinetic Enzymatic method - JAFFE METHOD OE 504-11, Έκδοση 2/14.7.16
	9.Total Bilirubin	Photometric method UV Liquid DPD OE 504-11, Έκδοση 2/14.7.16
	10. Direct Bilirubin	Photometric method UV OE 504-11, Έκδοση 2/14.7.16
	11.Calcium	Photometric method -5NITRO-5METHYL-BAPTA OE 504-11, Έκδοση 2/14.7.16

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Blood serum (continued)	12.Phosphorus	Photometric method end point PHOSPHOMOLYBDADE OE 504-11, Έκδοση 2/14.7.16
	13.Iron	Colorimetric method /FERROZINE OE 504-11, Έκδοση 2/14.7.16
	14. Amylase	Enzymatic colorimetric method liquid acc to IFCC OE 504-11, Έκδοση 2/14.7.16
	15. Magnesium	Chromatometric method OE 504-11, Έκδοση 2/14.7.16
	16.Total Protein	Colorimetric method BIURET OE 504-11, Έκδοση 2/14.7.16
	17. Albumin	Photometric method BROMOCRESOL GREEN OE 504-11, Έκδοση 2/14.7.16
	18.Serum glutamic-oxaloacetic transaminase (SGOT)	Photometric method UV / IFCC** without P-S-P OE 504-11, Έκδοση 2/14.7.16
	19. Serum glutamic-pyruvic transaminase (SGPT)	Photometric method UV / IFCC** without P-S-P OE 504-11, Έκδοση 2/14.7.16
	20.Gamma-glutamyl trasferase (GGT)	Enzymatic Colorimetric method GCNA-Liquid stand SZASZ OE 504-11, Έκδοση 2/14.7.16
	21.Alkaline phosphatase (ALP)	Colorimetric method liquid acc to IFCC** OE 504-11, Έκδοση 2/14.7.16
	22.Creatinine kinase (CPK)	Photometric method liquid acc to IFCC** OE 504-11, Έκδοση 2/14.7.16
	23.Lactate dehydrogenase (LDH)	Photometric method UV/optimized (DGKC***) OE 504-11, Έκδοση 2/14.7.16
	24. Globulins	Calculated method OE 504-11, Έκδοση 2/14.7.16
	25. Atheromatic index	Calculated method OE 504-11, Έκδοση 2/14.7.16
	26. A/G ratio	Calculated method OE 504-11, Έκδοση 2/14.7.16
	27. Total lipids	Calculated method OE 504-11, Έκδοση 2/14.7.16
1. Blood serum	**Determination of 2 parameters**	**Automated analyzer ELECTROLYTE 9180, Roche***
	1. Potassium	ISE method OE 504-11, Έκδοση 2/14.7.16
	2. Sodium	ISE method OE 504-11, Έκδοση 2/14.7.16
Hematological Tests		
Whole blood	**Determination of 8 parameters**	**Automated analyzer SYSMEX XS 1000-i***
	1. White Blood Cells (WBC)	Flow Cytometry with fluorescence OE 504-11, Έκδοση 2/14.7.16
	2. Red Blood Cells (RBC)	Hydrodynamic Focusing (DC Detection) OE 504-11, Έκδοση 2/14.7.16

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
	3. Hemoglobin (HGB)	Photometry OE 504-11, Έκδοση 2/14.7.16
	4. Hematocrit (HCT)	Hydrodynamic Focusing (DC Detection) OE 504-11, Έκδοση 2/14.7.16
	5. Mean Cell Volume (MCV)	Calculated method (DC Detection) OE 504-11, Έκδοση 2/14.7.16
	6. Mean Cell Hemoglobin (MCH)	Calculated method (DC Detection) OE 504-11, Έκδοση 2/14.7.16
	7. Mean corpuscular hemoglobin concentration (MCHC)	Calculated method (DC Detection) OE 504-11, Έκδοση 2/14.7.16
	8. Platelets (PLTs)	Hydrodynamic Focusing (DC Detection) OE 504-11, Έκδοση 2/14.7.16
Immunochemical Tests		
1. Blood serum	**Determination of 11 parameters**	**Automated immunochemical analyzer COBAS e411, Roche***
	1. Prolactin (PRL)	Electrochemiluminescense (ECLIA) OE 504-11, Έκδοση 2/14.7.16
	2. Follicle Stimulating Hormone (FSH)	
	3. Luteinizing Hormone (LH)	
	4. Thyroxin total (T4)	
	5. Triidothyronine total (T3)	
	6. Free Triidothyronine total (Free T3)	
	7. Free Thyroxin (Free T4)	
	8. Ferritin	
	9. Estradiol (E2)	
	10. Total Prostate Specific Antigen (TPSA)	
	11. Vitamin B12	

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

Site of assessment : **Laboratory permanent premises, 80 Gortsologou str., Sparti.**
Approved signatories : **George Stylianopoulos.**

This scope of Accreditation replaces the previous one dated 13.09.2022.
The Accreditation Certificate No.**947**-7, to ELOT EN ISO 15189:2022, is valid until 17.11.2026.

Athens, 18th July 2025

Konstantinou Evangelos Apostolos
CEO of ESYD