Hellenic Accreditation System

Annex GX/10 to the Certificate No. **904**-6

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

AFFIDEA OF CRETE

Private Multimodality Medical Societe Anonyme

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Biochemical Tests		
1. Blood serum	**Determination of 28 parameters**	**Automated biochemical analyzer Cobas c 303 PURE, Roche* OE 504 3/20.5.2024**
	1. Glucose	Enzymatic Chromatometric method GOD-PAP
	2. Triglycerides	Enzymatic Chromatometric method GPO – PAP
	3. Total Cholesterol	Enzymatic method CHOD – PAP
	4. Uric acid	Enzymatic Chromatometric method uricase/peroxidase
	5.Urea	Kinetic Enzymatic method / UV
	6.Creatinine	Kinetic Enzymatic method - JAFFE METHOD
	7. Total Bilirubin	Photometric method UV Liquid DPD
	8.Calcium	Photometric method -5NITRO-5METHYL-BAPTA
	9.Phosphorus	Photometric method end point PHOSPHOMOLYBDADE
	10.Iron	Colorimetric method /FERROZINE
	11.Total Protein	Colorimetric method BIURET
	12.Albumin	Photometric method BROMOCRESOL GREEN

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Blood serum (continued)	13.Serum glutamic-oxaloacetic transaminase (SGOT)	Photometric method UV / IFCC** without P-S-P
	14. Serum glutamic-pyruvic transaminase (SGPT)	Photometric method UV / IFCC** without P-S-P
	15.Gamma-glutamyl trasferase (γ-GT)	Enzymatic Colorimetric method GCNA-Liquid stand SZASZ
	16.Alkaline phosphatase (ALP)	Colorimetric method liquid acc to IFCC**
	17.Creatinine kinase	Photometric method liquid acc to IFCC**
	18.Lactate dehydrogenase (LDH)	Photometric method UV/optimized (DGKC***)
	19. Amylase	Enzymatic colorimetric method liquid acc to IFCC**
	20. Globulins	Calculated method
	21. Atheromatic index	Calculated method
	22.A/G ratio	Calculated method
	23. VLDL-Cholesterol	Calculated method
	Determination of ~~5~~ 1 parameter	**Automated biochemical analyzer Cobas c 303 PURE, Roche* OE 504-11-3/20.5.2024**
	2.Total Protein	Colorimetric method BIURET
Hematological Tests		
Whole blood	**Determination of 8 parameters**	**Automated analyzer SYSMEX XN-550* OE 504-11-3/20.5.2024**
	1. White Blood Cells (WBC)	Flow Cytometry with fluorescence
	2. Red Blood Cells (RBC)	Hydrodynamic Focusing (DC Detection)
	3. Hemoglobin (HGB)	Photometry
	4. Hematocrit (HCT)	Hydrodynamic Focusing (DC Detection)
	5. Mean Cell Volume (MCV)	Calculated method (DC Detection)
	6. Mean Cell Hemoglobin (MCH)	Calculated method (DC Detection)
	7. Mean corpuscular hemoglobin concentration (MCHC)	Calculated method (DC Detection)
	8. Platelets (PLTs)	Hydrodynamic Focusing (DC Detection)
Immunochemical Tests		
1. Blood serum	**Determination of ~~20~~ 19 parameters**	**Automated immunochemical analyzer Cobas e 402 PURE, Roche* OE 504-11-3/20.5.2024**
	1. Ferritin	Electrochemiluminescense (ECLIA)
	2. Prolactin (PRL)	
	3. Progesterone (PRG)	

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
	4. Follicle Stimulating Hormone (FSH)	
	5. Luteinizing Hormone (LH)	
	6. α-Fetoprotein (AFP)	
	7. Thyrotropin Hormone (TSH)	
	8. Thyroxin total (T4)	
	9. Triidothyronine total (T3)	
	10. Testosterone	
	11. β-Human Chorionic Gonadotropin (β-HCG)	
	12. Cortisol	
	13. Carcinoembryonic antigen (CEA)	
	14. Cancer antigen CA 125	
	15. Cancer antigen CA 15-3	
	16. Cancer antigen CA 19-9	
	17. Free Prostate Specific Antigen (Free-PSA)	
	18. Vitamin B12	
	19. Follate	

**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, 45 Eleftherias Square, Heraklion Crete, Greece.**
Approved signatories : **Nikolaos Athitakis.**

Primary Sample Collection Site: 45 Eleftherias Square, Heraklion Crete, Greece.

The Accreditation Certificate No. **904**-6, to ELOT EN ISO 15189:2022, is valid until 18.02.2027.

Athens, 08.07.2025

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