Hellenic Accreditation System

Annex G1/13 to the Certificate No. **869**-6

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

BIOMEDICIN Ltd.

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Biochemical Tests		
1. Blood serum	**Determination of 23 parameters**	**Automated analyzer BS-800, MINDRAY*** **List of Biochemical Methods** **E.570-1 / Version 1 / 6-7-2020**
	1. Glucose	Enzymatic / Colorimetric method
	2. Triglycerides	Enzymatic / Colorimetric method
	3. Cholesterol (total)	Colorimetric method
	4. Uric acid	Enzymatic / Colorimetric method
	5. Urea	Enzymatic / Colorimetric method
	6. Creatinine	Kinetic / Colorimetric method
	7. Calcium	Colorimetric method
	8. Phosphorus	Colorimetric method
	9. Iron	Colorimetric method
	10. Total protein	Colorimetric method
	11. Albumin	Colorimetric method
	12. Potassium	Indirect Ion Selected Electrode
	13. Sodium	Indirect Ion Selected Electrode

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood serum (continued)	14. Aspartate aminotransferase (AST)	Enzymatic / Colorimetric method
	15. Alanine aminotransferase (ALT)	Enzymatic / Colorimetric method
	16. gamma-glutamyltranspeptidase (γ-GT)	Enzymatic / Colorimetric method
	17. Alkaline Phosphatase (ALP)	Colorimetric method
	18. Creatine Kinase (CK)	Enzymatic / Colorimetric method
	19. Lactate dehydrogenase (LDH)	Enzymatic / Colorimetric method
	20. Cholesterol HDL	Colorimetric method
	21. Cholesterol LDL	Automatic calculation
	22. Amylase	Colorimetric method
	23. Atherogenic index	Automatic calculation
Immunology testing		
1. Blood Serum	Quantitative measurment of allergen-specific IgE for testing allergens according to the current list of Phadia	**ImmunoCAP Specific IgE, PHADIA 250*** **List of allergens Methods** **E.570-1 / Version 1 / 6-7-2020**
1. Blood Serum	**Determination of 19 parameters**	**Automated analyzer MAGLUMI X3** **List of Immunological Methods** **E.570-1 / Version 2/21-10-2024**
	1. Thyroxine (T4)	Competitive Chemiluminescence Immunoassay
	2. Triidothyronine (T3)	Competitive Chemiluminescence Immunoassay
	3. Thyroid-stimulating hormone (TSH)	Competitive Chemiluminescence Immunoassay
	4. Free Thyroxine (FT4)	Competitive Chemiluminescence Immunoassay
	5. Free Triidothyronine (FT3)	Competitive Chemiluminescence Immunoassay
	6. Anti-thyroid peroxidase antibodies (anti-TPO)	Chemiluminescence Immunoassay
	7. Anti-thyroglobulin antibodies (anti-TG)	Chemiluminescence Immunoassay
	8. β-Human Chorionic Gonadotropine (β-HCG)	Chemiluminescence Immunoassay

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood serum (continued)	9.Ferritin (Ferr)	Chemiluminescence Immunoassay
	10. Vitamin B12	Competitive Chemiluminescence Immunoassay
	11.Folate	Competitive Chemiluminescence Immunoassay
	12. Carcinoembryonic Antigen (CEA)	Chemiluminescence Immunoassay
	13. Prostate Specific Antigen (PSA)	Chemiluminescence Immunoassay
	14. Follicle stimulation hormone (FSH)	Chemiluminescence Immunoassay
	15. Luteinizing hormone (LH)	Chemiluminescence Immunoassay
	16. Immunoglobulin E (IgE)	Chemiluminescence Immunoassay
	17. Parathyroid hormone (PTH)	Chemiluminescence Immunoassay
	18. Vitamin D	Chemiluminescence Immunoassay
	19. Oestradiol (E2)	Chemiluminescence Immunoassay
Hematology Testing		
1. Whole Blood (EDTA)	**Determination of 11 parameters**	**Automated analyzer BC-5380 PLUS, MINDRAY*** **List of Hematology Methods** **E.570-1 / Version 1 / 6-7-2020**
	1. Hemoglobim (HGB)	Colorimetric
	2. Red Blood Cells (RBC)	Impedance change
	3. White Blood Cells (WBC)	Impedance change
	4. Platelets (PTLs)	Impedance change
	5. Haematocrit (HCT%)	Automatic calculation
	6. Mean Corpuscular Volume (MCV)	Impedance change
	7. Mean Corpuscular Haemoglobin (MCH)	Automatic calculation
	8. Mean corpuscular hemoglobin concentration (MCHC)	Automatic calculation
	9. Red blood cell distribution width (RDW)	Impedance change
	10. Mean platelet volume (MPV)	Impedance change
	11. Plateletcrit (PCT)	Automatic calculation

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Blood films	**Red Blood Cells' Morphology / Platelets' Morphology/ White Blood Cell Differential Count** (absolute number and %)**:** Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils, Abnormal Cells	Microscopic examination Protocol O.530-3

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

Site of assessment: **Laboratory Permanent premises, 10-12 Demeter str., Amarousion, Attiki, Greece.**
Primary Sample Collection Site:
BIOMEDICIN 10-12 Demeter str., Amarousion
BIOMEDICIN LAB 9 Dionisou str., Amarousion
BIOMEDICIN LAB POINT MELISSIA 9 Antrea Papandreou str., Melissia

Approved signatories: **I. Labropoulos, M. Koromantzou, M. Megalou. F. Papadopoulou, E. Ploumi**

This scope of Accreditation replaces the previous one dated 08.10.2025.
The Accreditation Certificate No. **869**-6, to ELOT EN ISO 15189:2022, is valid until 16.04.2030.

Athens, 16th of January 2026

Konstantinou Evangelos Apostolos
CEO of ESYD