Hellenic Accreditation System

Annex G1/A9 to the Certificate No. **988**-5

SCOPE of ACCREDITATION

of the

Laboratory of Hematology

of the

University General Hospital "ATTIKON"

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
Hematological testing		
1. Whole Blood (EDTA)	**Determination of 9 parameters**	**Automated Hematology analyzers** **Alinity HQ analyser (ABOTT), DXH 900 COULTER/LERIVA I&II** *Δ.520*
	1.White blood cell (WBC)	Flow Cytometry Impedance method
	2.Red blood cell (RBC)	Hydro Dynamic Focusing Impedance method
	3.Hemoglobin(HGB)	SLS Hemoglobin Detection method
	4.Hematocrit (HCT%)	RBC cumulative pulse height Detection method
	5.Mean corpuscular volume (MCV)	Calculated method
	6. Mean corpuscular Hemoglobin (MCH)	Calculated method
	7. Mean corpuscular Hemoglobin concentration (MCHC)	Calculated method
	8.Platelets (PLTs)	Hydro Dynamic Focusing or Flow Cytometry Impedance method
	White Blood Cell Automated Differential Count	Flow Cytometry
	1.Neutrophil (number and %)	
	2.Lymphocyte (number and %)	

Tested materials / products	Types of test / Properties to be measured	Applied Standards / Techniques to be used
	3.Monocyte (number and %)	
	4.Eosinophil (number and %)	
	5.Basophil (number and %)	
2. Blood films	**1. White Blood Cell Differential Count**	**Optical Microscopy** *Δ.520*
	2. RBC Morphology	
	3. PLT Morphology and number	
3. Blood plasma (sodium citrate)	**Determination of 5 parameters**	**Automated Coagulation analyzers** **BCS XP SIEMENS** **ACL TOP ΑΝΤΙΣΕΛ** SYSMEX CN6000 SIEMENS *Δ.520*
	1. Prothrombin time (PT)	Clotting
	2. INR (International Normalized Ratio)	Clotting
	3.Activated Partial Thromboplastin Time (APTT)	Clotting
	4. Fibrinogen(FIB)	Modified Clauss technique Clauss technique
	5. DDimers (DD)	Immunoturbidimetry
	Determination of 1 parameter	**Automated Coagulation analyzers** **BCS XP SIEMENS** **ACL TOP ΑΝΤΙΣΕΛ** SYSMEX CN6000 SIEMENS *Δ.520*
	1. Anti-Xa	Chromogenic
	Determination of 3 parameters	**Automated Coagulation analyzer** **BCS XP SIEMENS** *Δ.520*
	1. Antithrombin (AT)	Chromogenic
	2. Protein C	Chromogenic
	3. Free Protein S	Immunoturbidimetry

Site of assessment: **Laboratory permanent premises: 1 Rimini str., 124 62 Haidari, Attiki, Greece.**

Primary Sample Collection: **Laboratory permanent premises: 1 Rimini str., 124 62 Haidari, Attiki, Greece.**

Approved signatories: **Tsantes Argyrios, Kalantzis Dimitrios, Kokori Styliani, Douramani Panagiota, Kyriakou Elias, Kypraiou Athina, Katsadiotis George, Poulis Aristarchos, Gheorghe Loredana-Mariana.**

This Scope of Accreditation replaces the previous one dated 25.10.2023.
The Accreditation Certificate No**. 988-**5, to ELOT EN ISO 15189:2022, is valid until 23.06.2028.

Athens, 21st of July 2025

Konstantinou Evangelos Apostolos
CEO of ESYD