Hellenic Accreditation System

Annex G1/Δ7 to the Certificate No. **908**-7

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of the

PLUSMA PRIVATE DIAGNOSTIC LABORATORIES MEDICAL S.A.
LARISSA BRANCH

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Biochemical tests		
	Determination of 1 parameter	**HPLC Arkray HA-8380V** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
Whole blood/EDTA	1. HbA1c	High performance liquid chromatography (HPLC)
	Determination of 41 parameters	**Thermo Konelab 30i 10** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum/plasma (heparin)	1. ALT/SGPT	Photometric - IFCC modified (UV without P5P)
serum/plasma (heparin)	2. AST/SGOT	Photometric - IFCC modified (UV without P5P)
serum	3. CK-MB	Photometric -UV NAC activated
serum/plasma (heparin)	4. CPK	Enzymatic/ IFCC (37ºC)
serum	5. CRP qualitative	Siemens latex
serum	6. LDH	Enzymatic (Pyruvate-lactate)
serum	7. RA qualitative	Siemens latex
serum	8. TIBC	Calculation
serum/plasma (EDTA)	9. Urea Nitrogen - BUN	Calculation
serum/plasma (heparin)	10. Total/HDL Cholesterol Index	Calculation
serum/plasma (heparin)	11. Albumin	Colorimetric (Bromocresol purple)
serum/plasma (heparin)	12. Amylase	Enzymatic (pNPG7 blocked)
serum/plasma (heparin)	13. Calcium (Ca) total	Colorimetric (Arsenazo III)
serum/plasma (heparin)	14. γ-GT	Photometric - IFCC
serum/plasma (EDTA)	15. Glucose	Enzymatic (Hexokinase/ G6PDH)
serum/plasma (heparin Li^+)	16. Potassium	Direct potentiometry (ISE)
serum/plasma (heparin)	17. Creatinine	Enzymatic – colorimetric (Jaffe)
serum	18. Albumin/Globulin Index	Calculation
serum/plasma (EDTA)	19. Lipids total	Calculation
serum/plasma (heparin)	20. Magnesium (Mg)	Enzymatic-colorimetric (Xylidyl blue)
serum/plasma (heparin	21. Sodium (Na)	Direct potentiometry (ISE)

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Li^+)		
serum/plasma (EDTA)	22. Urea	Enzymatic (urease/ GLDH/ UV)
serum/plasma (heparin)	23. Uric acid	Enzymatic – colorimetric (uricase/ peroxidase)
serum/plasma (heparin)	24. Protein total	Photometric – Biuret
serum/plasma (heparin)	25. eGFR	Calculation (NKDEP)
serum/plasma (heparin)	26. Iron (Fe)	Colorimetric (Ferrozine)
serum/plasma (heparin/ EDTA)	27. Globulins total	Calculation
serum	28. Transferrin	Immunoturbidimetry (PEG)
serum	29. Transferrin saturation	Calculation
serum/plasma (EDTA)	30. Triglycerides	Enzymatic – colorimetric (GPO Trinder)
serum	31. Alkaline Phosphatase	Photometric IFCC (AMP Buffer)
serum/plasma (heparin)	32. Phospholipids	Calculation
serum	33. Phosphorous inorganic (P)	Photometric – Phosphomolybdate
serum/plasma (heparin Li^+)	34. Bilirubin direct	Colorimetric - vanadate oxidation
serum/plasma (heparin Li^+)	35. Bilirubin indirect	Calculation
serum/plasma (heparin Li^+)	36. Bilirubin total	Colorimetric - vanadate oxidation
serum/plasma (heparin)	37. Cholesterol total	Enzymatic – colorimetric
serum/plasma (heparin)	38. Cholesterol HDL	Enzymatic – colorimetric
serum/plasma (heparin)	39. Cholesterol LDL	Calculation
serum/plasma (EDTA)	40. Cholesterol VLDL	Calculation
serum	41. Osmolality	Calculation
	Determination of 4 parameters	**Thermo Konelab 30i 10** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. ASTO	Immunoturbidimetry (latex)
serum	2. CRP wide range	Immunoturbidimetry (latex)
serum	3. Lp(a)	Immunoturbidimetry (latex)
serum	4. Rheumatoid factor (RF)	Immunoturbidimetry (latex)
	Determination of 1 parameter	**Thermo Konelab 20i 9** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum/plasma (EDTA)	1. Homocystein	Enzymatic
Immunochemical tests		
	Determination of 14 parameters	**Siemens Centaur XP 10** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. Ferritin	Chemiluminescence (CLIA)
serum	2. Vitamin B-12	Chemiluminescence (CLIA)
serum	3. Vitamin D [25-hydroxy]	Chemiluminescence (CLIA)
serum	4. Folate	Chemiluminescence (CLIA)
serum	5. T3	Chemiluminescence (CLIA)
serum	6. T3 free	Chemiluminescence (CLIA)
serum	7. T4	Chemiluminescence (CLIA)
serum	8. T4 free	Chemiluminescence (CLIA)
serum	9. anti-Tg	Chemiluminescence (CLIA)
serum	10. anti-TPO	Chemiluminescence (CLIA)
serum	11. TSH	Chemiluminescence (CLIA)
serum	12. Calcitonin	Chemiluminescence (CLIA)
serum/plasma (heparin Li^+/	13. Parathormone intact (PTH intact)	Chemiluminescence (CLIA)

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Na^+/EDTA)		
serum	14. Cortisol	Chemiluminescence (CLIA)
	Determination of 8 parameters	**Siemens Centaur XP** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. AFP	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
serum	2. CA 15.3	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
serum	3. CA 19.9	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
serum	4. CA 125	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
serum	5. CEA	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
serum	6. PSA	Siemens Centaur XP 10/ Chemiluminescence (CLIA)
serum	7. PSA free	Siemens Centaur XP 10/ Chemiluminescence (CLIA)
serum	8. Ratio free/total PSA	Calculation
	Determination of 10 parameters	**Siemens Centaur XP 11** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. DHEA-S	Chemiluminescence (CLIA)
serum	2. FSH	Chemiluminescence (CLIA)
serum	3. LH	Chemiluminescence (CLIA)
serum	4. SHBG	Chemiluminescence (CLIA)
serum	5. Androstendione	Chemiluminescence (CLIA)
serum	6. hCG	Chemiluminescence (CLIA)
serum	7. Estradiol (E2)	Chemiluminescence (CLIA)
serum	8. Progesterone	Chemiluminescence (CLIA)
serum	9. Prolactin	Chemiluminescence (CLIA)
serum	10. Testosterone total	Chemiluminescence (CLIA)
	Determination of 3 parameters	**Siemens Centaur XP** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. IgE	Siemens Centaur XP 10/ Chemiluminescence (CLIA)
serum	2. Insulin	Siemens Centaur XP 10/ Chemiluminescence (CLIA)
serum/plasma (heparin Li^+)	3. Troponin-I high sensitive	Siemens Centaur XP 11/ Chemiluminescence (CLIA)
	Determination of 10 parameters	**Siemens Centaur XP 11** ΤΠ602-03-24-03-2025, KTA/30/01.11.2021
serum	1. HBs Ag	Chemiluminescence (CLIA)
serum	2. HBs antibodies	Chemiluminescence (CLIA)
serum	3. HBc antibodies total	Chemiluminescence (CLIA)
serum	4. HCV antibodies	Chemiluminescence (CLIA)
serum	5. HIV Ag/Ab	Chemiluminescence (CLIA)
serum	6. Syphilis antibodies (Treponema IgG+IgM)	Chemiluminescence (CLIA)
serum	7. Toxoplasma IgG	Chemiluminescence (CLIA)
serum	8. Toxoplasma IgM	Chemiluminescence (CLIA)
serum	9. Rubella IgG	Chemiluminescence (CLIA)
serum	10. Rubella IgM	Chemiluminescence (CLIA)
	Determination of 2 parameters	**Siemens Immulite 2000**

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
		ΤΠ602-03-24-03-2025, ΚΤΑ/30/01.11.2021
serum	1. CMV IgG	Chemiluminescence (CLIA)
serum	2. CMV IgM	Chemiluminescence (CLIA)
	Determination of 1 parameter	**Siemens Immulite 2000** ΤΠ602-03-24-03-2025, ΚΤΑ/30/01.11.2021
serum	1. Thyroglobulin (Tg)	Chemiluminescence (CLIA)

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

Site of assessement : **Permanent Laboratory premises, 24 Olympou str, 412 21, Larissa, Greece.**
Approved signatories: **Koloka Eugenia.**

This scope of Accreditation replaces the previous one dated 16.12.2022.
The Accreditation Certificate No. **908-**7, to ELOT EN ISO 15189:2022, is valid until 18.03.2027.

Athens, 8th of August 2025

Konstantinou Evangelos Apostolos
CEO of ESYD