Hellenic Accreditation System

Annex G1/A11 to the Certificate No. **958**-7

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of

LABNET MEDICAL S.A.

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
Biochemical testing		
Blood Serum	**Determination of 46 parameters**	**Automated biochemical analyzer Alinity A cii (AC05543) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Albumin (ALB)	Colorimetric (Bromocresol Green)
	2. Total Protein (TP)	Colorimetric (Biuret)
	3. Total globulin	Calculated from total protein (TP) and albumin (ALB)
	4. Albumin / Total globulin ratio	Calculated from total protein (TP) and albumin (ALB)
	5. Glucose (GLUC)	Enzymatic – colorimetric (HEX-G6PDH)
	6. Urea (UREA)	Enzymatic – colorimetric (Urease)
	7. Blood Urea Nitrogen (BUN)	Calculated from urea (UREA)
	8. Uric acid (UA)	Enzymatic – colorimetric (Uricase)
	9. Creatinine (CREA)	Enzymatic – colorimetric (Jaffe)
	10. Cholesterol Total (CHOL)	Enzymatic – colorimetric (CHO-OEP-HBA)
	11. Triglycerides (TRIG)	Enzymatic – colorimetric (GPO)
	12. HDL Cholesterol (HDL-Chol)	Enzymatic – colorimetric (ASD)
	13. LDL Cholesterol (LDL-Chol)	Enzymatic – colorimetric
	14. VLDL Cholesterol (VLDL-Chol)	Calculated from triglycerides (TRIG)
	15. Atherogenic index	Calculated from total cholesterol (CHOL) and HDL cholesterol (HDL-Chol)
Blood Serum	16. Total lipids (LIPIDS)	Calculated from total cholesterol (CHOL)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
(continued)		and triglycerides (TRIG)
	17. Phospholipids (PH-LIP)	Calculated from total cholesterol (CHOL)
	18. Alanine Aminotransferase (ALT/SGPT)	Enzymatic –Kinetic - Colorimetric (NADH)
	19. Aspartate Aminotransferase (AST/SGOT)	Enzymatic –Kinetic - Colorimetric (NADH)
	20. Gamma-Glytamyl Transferase (γ-GT)	Enzymatic
	21. Alkaline Phosphatase (ALP)	Enzymatic –Kinetic - Colorimetric (Para-nP)
	22. Bilirubin Total (TBIL)	Enzymatic –Kinetic - Colorimetric (Diazonium)
	23. Bilirubin direct (DBIL)	Enzymatic –Kinetic - Colorimetric (Diazo)
	24. Bilirubin indirect (IBIL)	Calculated from bilirubin total (TBIL) and bilirubin direct (DBIL)
	25. Amylase (AMY)	Enzymatic - Colorimetric (GNPG3)
	26. Creatine Kinase (CK/CPK)	Enzymatic –Kinetic - Colorimetric (NAC)
	27. Lactate Dehydrogenase (LDH)	Enzymatic - Kinetic (IFCC)
	28. Iron (Fe)	Colorimetric (Ferene)
	29. Magnesium (Mg)	Enzymatic
	30. Phosphorus (Phos)	Colorimetric (Phosphomolybdate)
	31. Calcium (Ca)	Colorimetric (Arsenazo III)
	32. Unsaturated Iron Binding Capacity (UIBC)	Colorimetric (Ferene)
	33. Total Iron Binding Capacity (TIBC)	Calculated from UIBC and iron (Fe)
	34. Transferrin saturation (TfS)	Calculated from iron (Fe) and TIBC
	35. Potassium (K)	Ion Selective Electrodes (ISE)
	36. Sodium (Na)	Ion Selective Electrodes (ISE)
	37. Chloride (Cl)	Ion Selective Electrodes (ISE)
	38. Serum Osmolality	Calculated from glucose (GLUC), urea (UREA) and sodium (Na)
	39. Apolipoprotein A (ApoA)	Immunoturbidimetry (ITA)
	40. Apolipoprotein B (ApoB)	Immunoturbidimetry (ITA)
	41. C-reactive protein (CRP)	Turbidimetry (TA) / Immunoturbidimetry (ITA)
	42. Lipoprotein a (Lpa)	Turbidimetry (TA) / Immunoturbidimetry (ITA)
	43. Total Protein urine (uPRO)	Turbidimetry (TA)
	44. Microalbumin urine (uALB)	Turbidimetry (TA) / Immunoturbidimetry

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
		(ITA)
Urine (continued)	45. Creatinine urine (CREA-U)	Enzymatic – colorimetric (Jaffe)
	46. Calcium urine (Ca-U)	Colorimetric (Arsenazo III)
Blood serum	**Determination of 45 parameters**	**Automated biochemical analyzer Alinity B cii (AC01282) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Complement C3 (C3)	Immunoturbidimetry (ITA)
	2. Complement C4 (C4)	Immunoturbidimetry (ITA)
	3. Immunoglobulin A (IgA)	Immunoturbidimetry (ITA)
	4. Immunoglobulin G (IgG)	Immunoturbidimetry (ITA)
	5. Immunoglobulin M (IgM)	Immunoturbidimetry (ITA)
	6. C-reactive protein (CRP)	Turbidimetry (TA) / Immunoturbidimetry (ITA)
	7. Rheumatoid factor (RF)	Immunoturbidimetry (ITA)
	8. Cholinesterase (Che)	Enzymatic –Kinetic - Colorimetric (DGKC)
	9. Antistreptolysin-O (ASTO)	Latex agglutination/ Turbidimetry (TA)
	10. Valproic acid (VPA)	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA)
	11. Digoxin (Digoxin)	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA
	12. Immunoglobulin E (IgE)	Immunoturbidimetry (ITA)
	13. b2-Microglobulin (B2-M)	Turbidimetry (TA) / Immunoturbidimetry (ITA)
	14. Albumin (ALB)	Colorimetric (Bromocresol Green)
	15. Total Protein (TP)	Colorimetric (Biuret)
	16. Total globulin	Calculated from total protein (TP) and albumin (ALB)
	17. Albumin / Total globulin ratio	Calculated from total protein (TP) and albumin (ALB)
	18. Glucose (GLUC)	Enzymatic – colorimetric (HEX-G6PDH)
	19. Urea (UREA)	Enzymatic – colorimetric (Urease)
	20. Blood Urea Nitrogen (BUN)	Calculated from urea (UREA)
	21. Uric acid (UA)	Enzymatic – colorimetric (Uricase)
	22. Creatinine (CREA)	Enzymatic – colorimetric (Jaffe)
	23. Cholesterol Total (CHOL)	Enzymatic – colorimetric (CHO-OEP-HBA)
	24. Triglycerides (TRIG)	Enzymatic – colorimetric (GPO)
Blood Serum	25. HDL Cholesterol (HDL-Chol)	Enzymatic – colorimetric (ASD)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
(continued)	26. LDL Cholesterol (LDL-Chol)	Enzymatic – colorimetric
	27. VLDL Cholesterol (VLDL-Chol)	Calculated from triglycerides (TRIG)
	28. Atherogenic index	Calculated from total cholesterol (CHOL) and HDL cholesterol (HDL-Chol)
	29. Total lipids (LIPIDS)	Calculated from total cholesterol (CHOL) and triglycerides (TRIG)
	30. Phospholipids (PH-LIP)	Calculated from total cholesterol (CHOL)
	31. Alanine Aminotransferase (ALT/SGPT)	Enzymatic –Kinetic - Colorimetric (NADH)
	32. Aspartate Aminotransferase (AST/SGOT)	Enzymatic –Kinetic - Colorimetric (NADH)
	33. Gamma-Glytamyl Transferase (γ-GT)	Enzymatic
	34. Alkaline Phosphatase (ALP)	Enzymatic –Kinetic - Colorimetric (Para-nP)
	35. Amylase (AMY)	Enzymatic - Colorimetric (GNPG3)
	36. Creatine Kinase (CK/CPK)	Enzymatic –Kinetic - Colorimetric (NAC)
	37. Lactate Dehydrogenase (LDH)	Enzymatic - Kinetic (IFCC)
	38. Iron (Fe)	Colorimetric (Ferene)
	39. Magnesium (Mg)	Enzymatic
	40. Phosphorus (Phos)	Colorimetric (Phosphomolybdate)
	41. Calcium (Ca)	Colorimetric (Arsenazo III)
	42. Potassium (K)	Ion Selective Electrodes (ISE)
	43. Sodium (Na)	Ion Selective Electrodes (ISE)
	44. Chloride (Cl)	Ion Selective Electrodes (ISE)
	45. Serum Osmolality	Calculated from glucose (GLUC), urea (UREA) and sodium (Na)
Immunochemical Testing		
Blood Serum	**Determination of 11 parameters**	**Automated immunoassay analyzer Alinity A cii (AI25144) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Thyroid-Stimulating Hormone (TSH)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Anti-Thyroglobulin antibodies (anti-TG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	3. Anti-Thyroid Peroxidase antibodies (anti-TPO)	Chemiluminescent Microparticle Immunoassay (CMIA)
	4. Free Triiodothyronine (FT3)	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Free Thyroxine (FT4)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum	6. Total Triiodothyronine (TT3)	Chemiluminescent Microparticle

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
(continued)		Immunoassay (CMIA)
	7. Total Thyroxine (TT4)	Chemiluminescent Microparticle Immunoassay (CMIA)
	8. Thyroglobulin (TG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. Prostate-Specific Antigen (PSA)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood Plasma (EDTA) or Blood Serum	10. intact Parathyroid Hormone (iPTH)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Homocysteine (HCY)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood Serum	**Determination of 14 parameters**	**Automated immunoassay analyzer Alinity A cii (AI24451) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Ferritin (FERR)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Vitamin B12 (B12)	Chemiluminescent Microparticle Immunoassay (CMIA)
	3. Folate acid (FOLATE)	Chemiluminescent Microparticle Immunoassay (CMIA)
	4. 25-OH Vitamin D	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Insulin (Insulin)	Chemiluminescent Microparticle Immunoassay (CMIA)
	6. C-peptide (C-peptide)	Chemiluminescent Microparticle Immunoassay (CMIA)
	7. Hepatitis B surface antigen (HBsAg)	Chemiluminescent Microparticle Immunoassay (CMIA)
	8. Hepatitis B core antigen antibodies (anti-HBc)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. Hepatitis B surface antibodies (anti-HBs)	Chemiluminescent Microparticle Immunoassay (CMIA)
	10. Human immunodeficiency virus type 1/2 antigen/antibodies (HIV 1/2 Ag/Ab)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Hepatitis C antibodies (anti-HCV)	Chemiluminescent Microparticle Immunoassay (CMIA)
	12. Hepatitis B core antigen IgM antibodies (anti-HBc IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	13. Hepatitis A IgG antibodies (anti-HAV IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	14. Hepatitis A IgM antibodies (anti-HAV IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood Serum	**Determination of 15 parameters**	**Automated immunoassay analyzer Alinity B cii (AI02826) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Ferritin (FERR)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Vitamin B12 (B12)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum	3. Folate acid (FOLATE)	Chemiluminescent Microparticle

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
(continued)		Immunoassay (CMIA)
	4. 25-OH Vitamin D (25-OH VitD)	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Sex Hormone-Binding Globulin (SHBG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	6. Testosterone (TESTO)	Chemiluminescent Microparticle Immunoassay (CMIA)
	7. Free Androgen Index (FAI)	Calculated from Testosterone (TESTO) and Sex Hormone-Binding Globulin (SHBG)
	8. Toxoplasma IgG antibodies (Toxo IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. Toxoplasma IgM antibodies (Toxo IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	10. Rubella IgG antibodies (Rubella IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Rubella IgM antibodies (Rubella IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	12. Cytomegalovirus IgG antibodies (CMV IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	13. Cytomegalovirus IgM antibodies (CMV IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
	14. Epstein barr viral capsid IgG antibodies (EBV VCA IgG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	15. Epstein barr viral capsid IgM antibodies (EBV VCA IgM)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum	**Determination of 14 parameters**	**Automated immunoassay analyzer Alinity B cii (AI02166) ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. β-Human Chorionic Gonadotropin (β-hCG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	2. Troponin I high sensitivity (TnI hs)	Chemiluminescent Microparticle Immunoassay (CMIA)
	3. Thyroid-Stimulating Hormone (TSH)	Chemiluminescent Microparticle Immunoassay (CMIA)
	4. Anti-Thyroglobulin antibodies (anti-TG)	Chemiluminescent Microparticle Immunoassay (CMIA)
	5. Anti-Thyroid Peroxidase antibodies (anti-TPO)	Chemiluminescent Microparticle Immunoassay (CMIA)
	6. Free Thyroxine (FT4)	Chemiluminescent Microparticle Immunoassay (CMIA)
	7. Prostate-Specific Antigen (PSA)	Chemiluminescent Microparticle Immunoassay (CMIA)
	8. Free Prostate-Specific Antigen (free-PSA)	Chemiluminescent Microparticle Immunoassay (CMIA)
	9. Free-PSA / PSA ratio	Calculated
	10. Alpha Fetoprotein (AFP)	Chemiluminescent Microparticle Immunoassay (CMIA)
	11. Carcinoembryonic antigen (CEA)	Chemiluminescent Microparticle Immunoassay (CMIA)
	12. Cancer antigen 125 (CA125)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum (continued)	13. Cancer antigen 15.3 (CA15.3)	Chemiluminescent Microparticle

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
		Immunoassay (CMIA)
	14. Neuron Specific Enolase (NSE)	Chemiluminescent Microparticle Immunoassay (CMIA)
Blood serum	**Determination of 12 parameters**	**Automated immunoassay analyzer Cobas e801 ROCHE* (ΕΞΟ-12/06/01-03-2026)**
	1. Cancer antigen 19.9 (CA19.9)	Elecrochemiluminescence Immunoassay (ECLIA)
	2. Estradiol (E2)	Elecrochemiluminescence Immunoassay (ECLIA)
	3. Follicle Stimulating Hormone (FSH)	Elecrochemiluminescence Immunoassay (ECLIA)
	4. Luteinizing Hormone (LH)	Elecrochemiluminescence Immunoassay (ECLIA)
	5. Prolactin (PRL)	Elecrochemiluminescence Immunoassay (ECLIA)
	6. Progesterone (PRG)	Elecrochemiluminescence Immunoassay (ECLIA)
	7. Dehydroepiandrosterone Sulfate (DHEA-S)	Elecrochemiluminescence Immunoassay (ECLIA)
	8. Cortisol (CORT)	Elecrochemiluminescence Immunoassay (ECLIA)
	9. Adrenocorticotropic hormone (ACTH)	Elecrochemiluminescence Immunoassay (ECLIA)
	10. Calcitonin (CT)	Elecrochemiluminescence Immunoassay (ECLIA)
	11. Hepatitis A total antibodies (anti-HAV)	Elecrochemiluminescence Immunoassay (ECLIA)
	12. Growth Hormone (HGH)	Elecrochemiluminescence Immunoassay (ECLIA)
Immunological Testing		
Blood serum	**Determination of 2 parameters**	**Automated immunofluorescence system Zenit PRO MENARINI* (ΕΞΟ-12/06/01-03-2026)**
	1. Antinuclear antibodies (ANA)	Immunofluorescence IFA with cellular substrate HEP-2
	2. Anti-double stranded DNA antibodies (anti-dsDNA)	Indirect Immunofluorescence
Blood serum	**Determination of 2 parameters**	**Automated chemiluminescence analyzer Liaison XL DIASORIN* (ΕΞΟ-12/06/01-03-2026)**
	1. Aldosterone (ALDO)	Chemiluminescence (CLIA)
	2. Renin (Renin)	Chemiluminescence (CLIA)
Blood serum	**Determination of 113 allergens (Specific Immunoglobulin IgE - RAST)**	**Automated immunoassay analyzer Immulite 2000 XPi SIEMENS* (ΕΞΟ-12/04/01-04-2023)**
	1. C1 Penicillin G	Chemiluminescence (CLIA)
Blood serum (continued)	2. C2 Penicillin V	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	3. C203 Ampicillin	Chemiluminescence (CLIA)
	4. C204 Amoxicillin	Chemiluminescence (CLIA)
	5. D1 Mite – *Dermatophages pteronyssinus*	Chemiluminescence (CLIA)
	6. D2 Mite - *Dermatophages farinae*	Chemiluminescence (CLIA)
	7. D3 Mite - *Dermatophages microceras*	Chemiluminescence (CLIA)
	8. D70 Mite – *Acarus siro*	Chemiluminescence (CLIA)
	9. D71 Mite – *Lepidoglyphus destructor*	Chemiluminescence (CLIA)
	10. E1 Cat epithelium/dander	Chemiluminescence (CLIA)
	11. E2 Dog epithelium	Chemiluminescence (CLIA)
	12. E3 Horse dander	Chemiluminescence (CLIA)
	13. E5 Dog dander	Chemiluminescence (CLIA)
	14. F1 Egg white	Chemiluminescence (CLIA)
	15. F2 Milk	Chemiluminescence (CLIA)
	16. F3 Codfish	Chemiluminescence (CLIA)
	17. F4 Wheat	Chemiluminescence (CLIA)
	18. F5 Rye	Chemiluminescence (CLIA)
	19. F6 Barley	Chemiluminescence (CLIA)
	20. F7 Oat	Chemiluminescence (CLIA)
	21. F8 Corn	Chemiluminescence (CLIA)
	22. F9 Rice	Chemiluminescence (CLIA)
Blood serum (continued)	23. F10 Sesame seed	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	24. F12 Green pea	Chemiluminescence (CLIA)
	25. F13 Peanut	Chemiluminescence (CLIA)
	26. F14 Soybean	Chemiluminescence (CLIA)
	27. F15 White bean	Chemiluminescence (CLIA)
	28. F17 Hazelnut	Chemiluminescence (CLIA)
	29. F20 Almond	Chemiluminescence (CLIA)
	30. F23 Crab	Chemiluminescence (CLIA)
	31. F24 Shrimp	Chemiluminescence (CLIA)
	32. F25 Tomato	Chemiluminescence (CLIA)
	33. F26 Pork	Chemiluminescence (CLIA)
	34. F27 Beef	Chemiluminescence (CLIA)
	35. F31 Carrot	Chemiluminescence (CLIA)
	36. F33 Orange	Chemiluminescence (CLIA)
	37. F37 Blue mussel	Chemiluminescence (CLIA)
	38. F40 Tuna	Chemiluminescence (CLIA)
	39. F44 Strawberry	Chemiluminescence (CLIA)
	40. F45 Baker’s yeast	Chemiluminescence (CLIA)
	41. F49 Apple	Chemiluminescence (CLIA)
	42. F59 Octopus	Chemiluminescence (CLIA)
	43. F75 Egg yolk	Chemiluminescence (CLIA)
Blood serum (continued)	44. F76 alpha-Lactalbumin	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	45. F77 beta-Lactoglobulin	Chemiluminescence (CLIA)
	46. F78 Casein	Chemiluminescence (CLIA)
	47. F79 Gluten	Chemiluminescence (CLIA)
	48. F83 Chicken meat	Chemiluminescence (CLIA)
	49. F84 Kiwi fruit	Chemiluminescence (CLIA)
	50. F92 Banana	Chemiluminescence (CLIA)
	51. F93 Cacao	Chemiluminescence (CLIA)
	52. F95 Pear	Chemiluminescence (CLIA)
	53. F202 Cashew	Chemiluminescence (CLIA)
	54. F203 Pistachio	Chemiluminescence (CLIA)
	55. F204 Trout	Chemiluminescence (CLIA)
	56. F232 Ovalbumin	Chemiluminescence (CLIA)
	57. F233 Ovomucoid	Chemiluminescence (CLIA)
	58. F235 Lentil	Chemiluminescence (CLIA)
	59. F245 Egg	Chemiluminescence (CLIA)
	60. F247 Honey	Chemiluminescence (CLIA)
	61. F256 Walnut	Chemiluminescence (CLIA)
	62. F258 Squid	Chemiluminescence (CLIA)
	63. F337 Sole	Chemiluminescence (CLIA)
	64. F409 Goat’s milk	Chemiluminescence (CLIA)
Blood serum	65. G1 Sweet vernal grass	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
(continued)	66. G2 Bermuda grass	Chemiluminescence (CLIA)
	67. G3 Orchard grass	Chemiluminescence (CLIA)
	68. G4 Meadow fescue	Chemiluminescence (CLIA)
	69. G5 Perennial rye grass	Chemiluminescence (CLIA)
	70. G6 Timothy grass	Chemiluminescence (CLIA)
	71. G7 Common reed grass	Chemiluminescence (CLIA)
	72. G8 June Grass (Kentucky Blue)	Chemiluminescence (CLIA)
	73. G9 Red top	Chemiluminescence (CLIA)
	74. G10 Johnson grass	Chemiluminescence (CLIA)
	75. G11 Brome grass	Chemiluminescence (CLIA)
	76. G12 Cultivated rye grass	Chemiluminescence (CLIA)
	77. G15 Cultivated wheat grass	Chemiluminescence (CLIA)
	78. H1 House dust - Greer	Chemiluminescence (CLIA)
	79. H6 House dust - Japan	Chemiluminescence (CLIA)
	80. I1 Honey Bee venom	Chemiluminescence (CLIA)
	81. I2 White-faced Hornet	Chemiluminescence (CLIA)
	82. I3 Yellow Jacket venom	Chemiluminescence (CLIA)
	83. I4 Paper wasp venom	Chemiluminescence (CLIA)
	84. I5 Yellow Hornet	Chemiluminescence (CLIA)
	85. I6 Cockroach	Chemiluminescence (CLIA)
Blood serum (continued)	86. I71 Mosquito	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	87. I75 European Hornet	Chemiluminescence (CLIA)
	88. K82 Latex	Chemiluminescence (CLIA)
	89. M1 *Penicillium notatum*	Chemiluminescence (CLIA)
	90. M2 *Cladosporium herbarum*	Chemiluminescence (CLIA)
	91. M3 *Aspergillus fumigatus*	Chemiluminescence (CLIA)
	92. M4 *Mucor racemosus*	Chemiluminescence (CLIA)
	93. M5 *Candida albicans*	Chemiluminescence (CLIA)
	94. M6 *Alternaria tenuis*	Chemiluminescence (CLIA)
	95. T3 Birch	Chemiluminescence (CLIA)
	96. T4 Hazelnut	Chemiluminescence (CLIA)
	97. T9 Olive	Chemiluminescence (CLIA)
	98. T11 Sycamore	Chemiluminescence (CLIA)
	99. T12 Willow	Chemiluminescence (CLIA)
	100. T14 Cottonwood	Chemiluminescence (CLIA)
	101. T16 White Pine	Chemiluminescence (CLIA)
	102. T19 Acacia	Chemiluminescence (CLIA)
	103. T23 Italian Cypress	Chemiluminescence (CLIA)
	104. T73 Australian Pine	Chemiluminescence (CLIA)
	105. W1 Common Ragweed	Chemiluminescence (CLIA)
	106. W2 Western Ragweed	Chemiluminescence (CLIA)
Blood serum (continued)	107. W6 Mugwort	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	108. W9 English Plantain	Chemiluminescence (CLIA)
	109. W10 Lamb's Quarters	Chemiluminescence (CLIA)
	110. W19 *Parietaria officinalis*	Chemiluminescence (CLIA)
	111. W20 Nettle	Chemiluminescence (CLIA)
	112. W21 *Parietaria judaica*	Chemiluminescence (CLIA)
	113. W23 Yellow Dockweed	Chemiluminescence (CLIA)
Blood serum	**Determination of 4 allergen mixes (Specific Immunoglobulin IgE - RAST)**	**Automated immunoassay analyzer Immulite 2000 XPi SIEMENS* (ΕΞΟ-12/06/01-03-2026)**
	1. FP1 mix (FX1) Nuts (allergens F13,F17,F18,F20,F36)	Chemiluminescence (CLIA)
	2. FP2 mix (FX2) Fish/Shell (allergens F3,F24,F37,F40,F41)	Chemiluminescence (CLIA)
	3. GP1 mix (GX1) Grass (allergens G3,G4,G5,G6,G8)	Chemiluminescence (CLIA)
	4. MP1 mix (MX1) Mold (allergens M1,M2,M3,M5,M6)	Chemiluminescence (CLIA)
Blood serum	**Determination of 7 parameters**	**Automated immunoassay analyzer Zenit Ra A (B400B0207) MENARINI* (ΕΞΟ-12/06/01-03-2026)**
	1. Extractable nuclear antigen antibodies (anti-ENA)	Chemiluminescence (CLIA
	2. Cardiolipin antibodies IgG (αCL IgG)	Chemiluminescence (CLIA
	3. Cardiolipin antibodies IgM (αCL IgM)	Chemiluminescence (CLIA
	4. β2-Glycoprotein I antibodies IgG (β2-GPI IgG)	Chemiluminescence (CLIA
	5. β2-Glycoprotein I antibodies IgM (β2-GPI IgM)	Chemiluminescence (CLIA
	6. Myeloperoxidase antibodies IgG (anti-MPO)	Chemiluminescence (CLIA
	7. Proteinase 3 antibodies IgG (anti-PR3)	Chemiluminescence (CLIA
Blood serum	**Determination of 5 parameters**	**Automated immunoassay analyzer Zenit Ra B (B400B0218) MENARINI* (ΕΞΟ-12/06/01-03-2026)**
	1. Antimitochondrial antibodies IgG (AMA-M2)	Chemiluminescence (CLIA)
Blood serum (continued)	2. Deamidated gliadin peptides antibodies IgG (anti-DGP IgG)	Chemiluminescence (CLIA)
	3. Deamidated gliadin peptides antibodies IgA (anti-DGP IgA)	Chemiluminescence (CLIA)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	4. Tissue transglutaminase antibodies IgG (t-TG IgG)	Chemiluminescence (CLIA)
	5. Tissue transglutaminase antibodies IgA (t-TG IgA)	Chemiluminescence (CLIA)
Hematological Testing		
Whole Blood (EDTA)	**Determination of 1 parameter**	**Automated electrophoresis system Capillarys3 TERA A (2194) SEBIA* (ΕΞΟ-12/06/01-03-2026)**
	1. Glycated Haemoglobin A_1c (HbA_1c)	Capillary electrophoresis
Whole Blood (EDTA)	**Determination of 1 parameter**	**Automated High Performance Liquid Chromatography HBNEXT MENARINI* (ΕΞΟ-12/06/01-03-2026)**
	1. Glycated Haemoglobin A_1c (HbA_1c)	High Performance Liquid Chromatography
Whole Blood (EDTA)	**Determination of 10 parameters**	**Automated hematological analyzer Alinity HQ ABBOTT* (ΕΞΟ-12/06/01-03-2026)**
	1. Hemoglobin (HGB)	Spectrophotometric
	2. Hematocrit (HCT)	Calculated from RBC and MCV
	3. Red Blood Cells (RBC)	Electrical impedance
	4. Mean Corpuscular Volume (MCV)	Calculated from red blood cell size distribution data
	5. Mean Corpuscular Hemoglobin (MCH)	Calculated from HGB and RBC
	6. Mean Cell Hemoglobin Concentration (MCHC)	Calculated from HGB and HCT
	7. Red blood cell Distribution Width (RDW)	Calculated from RBC histogram
	8. White Blood Cells (WBC)	Optical count (WOC) / Impedance count (WIC)
	9. Platelets (PLT)	Electrical impedance
	10. Mean Platelet Volume (MPV)	Calculated from PLT histogram
Blood Coagulation Testing		
Blood Plasma (citrate)	**Determination of 7 parameters**	**Automated coagulation analyzer STAR Max3 STAGO* (ΕΞΟ-12/06/01-03-2026)**
Blood Plasma (citrate) (continued)	1. Prothrombine time (PT sec)	Clot detection
	2. Prothrombine time (PT %)	Clot detection
	3. Prothrombine time (International Normalized Ratio, PT INR)	Calculated from Prothrombin time (PT patient and PT normal)

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
	4. Activated partial prothrombine time (aPTT)	Clot detection
	5. Fibrinogen (FIB)	Clot detection
	6. Antithrombin III (ATIII)	Colorimetric
	7. D-Dimer (D-Dimer)	Latex / Turbidimetry (TA)
Molecular Testing		
Whole Blood EDTA	Detection of c.*97G>A (G20210A) mutation in prothrombin (*Factor II; F2*) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, PTH 20210G>A RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
	Detection of 1691G>A (R506Q) mutation in Factor V (*F5*) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, FV Leiden RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
	Detection of c.677C>T mutation in *MTHFR* (Methylenetetrahydrofolate reductase) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, MTHFR 677C>T RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
	Detection of c.1298A>C mutation in *MTHFR* (Methylenetetrahydrofolate reductase) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, MTHFR 1298A>C RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
	Detection of HLA-B27 allele of Human Leukocyte Antigen B (*HLA-B*) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, HLA-B27 RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
	Detection of ΔF508del (F508del) mutation in the cystic fibrosis transmembrane conductance regulator (*CFTR*) gene	Manufacturer's kit ViennaLab Diagnostics GmbH, CF F508del RealFast Assay (CE-IVD), real-time PCR (TaqMan assay) with the use of Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**
Cervical smear	Detection of 14 high risk genotypes (16,18,31,33,35,39,45,51,52,56,58,59,66,68) Human Papillomavirus (HPV) and specifically identifies HPV16 and HPV18	Manufacturer's kit eSens HPV HR 14 screen/ 16,18,45 genotype QT PCRKit (CE-IVD), real-time PCR with the use of Applied Biosystems™ QuantStudio™ 5

Tested materials / Products	Types of test / Properties measured	Applied Standards / Techniques used
		Dx Real-Time PCR System* **(ΕΞΟ-12/06/01-03-2026)**

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

Site of assessment: **Laboratory Permanent premises: Central Laboratory, Acheloou 18, 54627 Thessaloniki, Greece.** Approved signatories: **D. Chatzidimitriou.**

This scope of Accreditation replaces the previous one dated 07.03.2025.
The Accreditation Certificate No. **958**-7, to ELOT EN ISO 15189:2022, is valid until 02.12.2027.

Athens, 18th of May 2026

Konstantinou Evangelos Apostolos
CEO of ESYD