HELLENIC ACCREDITATION SYSTEM

Annex G1/19 of Certificate No. **889**-6

OFFICIAL SCOPE of the ACCREDITATION

of

Clinical Laboratory

IN VITRO LABS A. E. ,
Private Biotechnology Diagnostic Laboratories

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
Biochemical tests		
	Determination 46 parameters	**Automatic biochemical analyzer** **Siemens Atellica Solution S/N SP044889** L-21/A.3/10.04.2025
Blood serum	1. Albumin (ALB)	Colorimetric Bromocresol Green method
	2. Alkaline Phosphatase (ALP)	Colorimetric Para-nitrophenylphosphate method
	3. Alanine aminotransferase (ALT/SGPT)	Modified IFCC
	4. Amylase (AMYL)	Enzyme kinetics with substrate p NPG7
	5. Aspartate aminotransferase (AST/SGOT)	Modified IFCC
	6. Direct Bilirubin (DBil)	Vanadium Oxide
	7. Total Bilirubin (TBil)	Vanadium Oxide
	8. Calcium (Ca)	Colorimetric Arsenazo III method
	9. Cholesterol (CHOL)	Enzymatic reaction
	10. Cholinesterase (CHE)	Butyrylthiocholine with pyrophosphate and hexacyanoferrate
	11. Creatine kinase (CK)	Colorimetric *N* -acetyl- *L* -cysteine (NAC) method
	12. Creatine kinase MB isoenzyme - activity (CK - MB)	IFCC / Immunosuppression L-23/A.1/10.04.2025
	13. Creatinine (CREA)	JAFFE Method Picric acid in alkaline medium
	14. Gamma-glutamyltransferase (gamma- GT)	Enzymatic reaction with *L* -γ-glutamyl-3-carboxy-4-nitroanilide substrate

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
Blood serum (continued)	15. Glucose (GLU)	Colorimetric Hexokinase /G-6-PDH method
	16. HDL cholesterol	Deletion with Catalase
	17. Sodium (Na)	Indirect, with dilute ion selective electrodes
	18. Potassium (K)	Indirect, with dilute ion selective electrodes
	19. Chlorides (Cl)	Indirect, with dilute ion selective electrodes
	20. Iron (Fe)	Colorimetric complex method Ferene (Ferene complex
	21. Lactate dehydrogenase (LDH)	IFCC, Lactate to pyruvate
	22. LDL cholesterol	Deletion with Catalase
	23. Lithium (Li)	Colorimetric
	24. Lipase (LIP)	Colorimetric
	25. Magnesium (Mg)	Xylidyl blue
	26. Phosphorus (P)	Colorimetric with Phosphomolybdenum
	27. Total proteins (TP)	Colorimetric (diurea method)
	28. Triglycerides (TRIG)	Enzymatic reaction with Glycerophosphate Oxidase
	29. Urea (UREA)	Urease Method
	30. Uric acid (Ua)	Colorimetric enzymatic with Uricase
	31. Copper (Cu)	Colorimetric L-23/A.1/10.04.2025
	32. Ceruloplasmin (CER)	Immunoturbidimetry L-23/A.1/10.04.2025
	33. B2 microglobulin (B2M)	Immunoturbidimetry
	34. Haptoglobin (HPT)	Immunoturbidimetry using polyclonal antibodies in the presence of polyethylene glycol (PEG)
Urine	35. Amylase (AMYL)	Enzyme kinetics with substrate p NPG7
	36. Calcium (Ca)	Colorimetric Arsenazo III method
	37. Creatinine (CREA)	JAFFE Method Picric acid in alkaline medium
	38. Glucose (GLU)	Colorimetric Hexokinase /G-6-PDH method
	39. Sodium (Na)	Indirect, with dilute ion selective electrodes
	40. Potassium (K)	Indirect, with dilute ion selective electrodes
	41. Chlorides (Cl)	Indirect, with dilute ion selective electrodes
	42. Magnesium (Mg)	Xylidyl blue L-21/A.2/22.09.2023
	43. Phosphorus (P)	Colorimetric with Phosphomolybdenum
	44. Urea (UREA)	Urease Method

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
Urine (continued)	45. Uric acid (Ua)	Colorimetric enzymatic with Uricase
	46. Microalbumin (MALB-UR)	Immunoturbidimetry
	Determination of 15 parameters	**Automatic biochemical analyzer Siemens Atellica Solution S/N SP04527**
Blood serum	1. Antistreptolysin (ASO)	Turbidimetric with Latex particle suspension polystyrene
	2. C -reactive protein (CRP)	Turbidimetric with Latex particle suspension polystyrene
	3. Complement C3	Immunoturbidimetric
	4. Complement C4	Immunoturbidimetric
	5. Immunoglobulin A (IgA)	Immunoturbidimetric
	6. Immunoglobulin G (IgG)	Immunoturbidimetric
	7. Immunoglobulin M (IgM)	Immunoturbidimetric
	8. Rheumatoid factor (RF)	Turbidimetric with Latex particle suspension polystyrene
	9. Transferrin (TRF)	Immunoturbidimetry
	10. Lipoprotein A (LPa)	Immunoturbidimetry
	11. Carbamazepine (CARB)	Enhanced inhibition immunoassay
	12. Digoxin (DIGOX)	Latex -enhanced immunoturbidimetry
	13. Phenobarbital (PHENO)	Enhanced inhibition immunoassay
	14. Phenytoin (PHENYNT)	Enhanced inhibition immunoassay
	15. Valproic acid (VPA)	Enhanced inhibition immunoassay
	Determination of 2 parameters	**Cryoscopic osmometer Osmomat 3000 sn 300230082** L-21/A.3/10.04.2025
Blood serum	1. Osmolarity serum (OSMOL)	Osmolarity Measurement with a Cryoscopic Osmometer
Urine	2. Osmolarity urine (OSMOL - U)	
Serum Protein Electrophoresis		
	Determination of 5 parameters	**SEBIA automatic electrophoresis system SEBIA Capillariys-3 Octa (s/n 3035)** L-25/A.2/26.05.2026
Blood serum	1. Albumin (ALB)	Capillary Electrophoresis
	2. Alpha1 globulins (A1)	
	3. Alpha2 globulins (A2)	
	4. Beta globulins (B)	
	5. Gamma globulins (G)	
Monoclonal protein detection test		
	Determination of 1 parameter	**Electrophoresis Device semi-**

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
		automatic multiparametric system HYDRASYS FOCUSING (s / n 5984) L-26/A.1/10.04.2025
Blood serum	1. Type/species of monoclonal paraprotein	Electrophoresis / Immunofixation
	Toxicological Tests	
	Determination of 6 parameters	**Automatic biochemical analyzer Siemens Atellica Solution S/N SP04527** L-21/A.3/10.04.2025
Urine	1. Amphetamines (AMPH)	Homogeneous Enzymatic Immunoassay Syva® Emit® II Plus
	2. Cocaine (COC)	
	3. Cannabinoids (THC)	
	4. Opiates (OPI)	
	5. Barbiturates (BARB)	
	6. Benzodiazepines (BENZO)	
	Immunochemical Tests	
	Determination of 16 parameters	**Automated immunochemical analyzer Siemens Atellica Solution S/N SP04527** L-22/A.2/26.05.2026
Blood serum	1. Cancer antigen Ca 125	Chemiluminescence
	2. Cancer antigen Ca 15-3	
	3. Cancer antigen Ca 19-9	
	4. Carcinoembryonic Antigen (CEA)	
	5. A Fetal Globulin (A - FP)	
	6. Free prostate-specific antigen (Free - PSA)	
	7. Prostate specific antigen (PSA)	
	8. Prolactin (PRL)	
	9. Dehydroepiandrosterone Sulfate (DHEA-S)	
	10. Sex hormone binding globulin (SHBG)	
	11. Follicle Stimulating Hormone (FSH)	
	12. Luteinizing Hormone (LH)	
	13. Progesterone (PRG)	
	14. Testosterone (TESTO)	
	15. Estradiol (O2)	
	16. D4 Androstenedione (D4-A)	
	Determination of 19 parameters	**Automatic immunochemical analyzer Siemens Atellica Solution S/N SP04489** L-22/A.2/26.05.2026
Blood serum	1. Free triiodothyronine (Free - T 3)	Chemiluminescence
	2. Free thyroxine (Free - T 4)	
	3. Total Triiodothyronine (T 3)	
	4. Total Thyroxine (T4)	
	5. Thyroid-stimulating hormone (TSH)	

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
	6. Ferritin (Ferr)	
	7. Folic acid (FOL)	
	8. Vitamin B12	
	9. Immunoglobulin E (Ig E)	
	10. Anti- Thyroid Peroxidase (Anti - TPO)	
	11. Anti-Thyroglobulin antibodies (Anti - T)	
	12. C -peptide (C - Peptide)	
	13. Insulin (INS)	
	14. Parathyroid hormone (PTH)	
	15. Cortisol (CORT)	
	16. Troponin I (TROP I)	
	17. Homocysteine (tHcy)	
	18. 25-hydroxy-Vitamin D (25- OH - Vit D)	
	19. Amino-terminal propeptide of brain natriuretic peptide (NT- proBNP)	
	Determination of 3 parameters	**Automatic immuno-biochemical analyzer ABBOTT Alinity (s/n** AI23919 **)** L -24/A.1/10.04.2025
Blood serum	1. Myoglobin (MYO)	Microparticle immunoassay chemiluminescence (CMIA)
	2. B chorionic gonadotropin (B - HCG)	
	3. B-type natriuretic peptide (BNP)	
	Determination 13 parameters	**ABBOTT automatic immunochemical analyzer Alinity (s / n)** AI20722 **)** L -24/A.1/10.04.2025
Blood serum	1. Creatine kinase MB isoenzyme - mass (CK - MB)	Chemiluminescent microparticle immunoassay (CMIA)
	2. Toxoplasma IgG antibodies (TOXO IgG)	
	3. Toxoplasma IgM antibodies (TOXO IgM)	
	4. IgG antibodies against rubella virus (Rubella) IgG)	
	5. IgM antibodies against rubella virus (Rubella) IgM)	
	6. IgG antibodies against cytomegalovirus (CMV) IgG)	
	7. IgM antibodies against cytomegalovirus (CMV) IgM)	
	8. Total antibodies against hepatitis C virus (Anti - HCV)	
	9. Antibodies against human immunodeficiency virus type 1 & 2 (HIV 1 & 2)	
	10. Hepatitis B virus surface antigen (HBsAg)	
	11. Total antibodies against hepatitis B virus nuclear antigen (HBcAb)	
Blood serum (continued)	12. Hepatitis B virus surface antibody (Anti - HBs)	
	13. Hepatitis A virus IgG antibodies (Anti - HAV)	
	Determination of 1 parameter	**Siemens automated immunochemical analyzer**

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
		Immulite 2000 XPi (s / n P 6496 **)** L-22/A.2/26.05.2026
	1. Human growth hormone (HGH)	Chemiluminescence
	Determination of 3 parameters	**Roche automated immunochemical analyzer Hitachi Cobas e 411 (s/n 66x2-19)** L-27/A.2/26.05.2026
Blood serum	1. Calcitonin (CT)	Chemiluminescence
	2. Adrenocorticotropic hormone (ACTH)	
	3. Thyroglobulin (TG)	
	4. Anti-Müllerian Hormone (AMH)	
	5. Anti-Müllerian Hormone (AMH)	
Hematology Tests		
	Determination of 10 parameters	**ROCHE Automatic Blood Analyzer SYSMEX XN -550 (s/n 18969)** L-28/A.1/10.04.2025
Whole blood (EDTA)	1. Hematocrit (HCT)	RBC and MCV calculators
	2. Hemoglobin (Hb)	Photometric
	3. Mean corpuscular hemoglobin (MCH)	Calculators from HGB and RBC
	4. Mean corpuscular hemoglobin concentration (MCHC)	Computers from HGB and HCT
	5. Mean corpuscular volume (MCV)	RBC and HCT calculators
	6. Mean platelet volume (MPV)	Change in electrical resistance
	7. Platelets (PLT)	
	8. Red blood cell distribution width (RDW)	
	9. Red blood cells (RBC)	
	10. White blood cells (WBC)	Flow cytometry and visual assessment
	Determination of 10 parameters	**ROCHE Automatic Blood Analyzer SYSMEX XN -550 (s/n** 24311**)** L-28/A.1/10.04.2025
Whole blood (EDTA)	1. Hematocrit (HCT)	RBC and MCV calculators
	2. Hemoglobin (Hb)	Photometric
	3. Mean corpuscular hemoglobin (MCH)	Calculators from HGB and RBC
	4. Mean corpuscular hemoglobin concentration (MCHC)	Computers from HGB and HCT
Whole blood (EDTA) (continued)	5. Mean corpuscular volume (MCV)	RBC and HCT calculators
	6. Mean platelet volume (MPV)	Change in electrical resistance
	7. Platelets (PLT)	
	8. Red blood cell distribution width (RDW)	
	9. Red blood cells (RBC)	
	10. White blood cells (WBC)	cytometry and visual assessment
	Determination of 1 parameter	**Chromatographic HPLC analyzer VARIANT II TURBO**

Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
		Bio-Rad* (s/n E-235) L-28/A.1/10.04.2025
Whole blood (EDTA)	1. Determination of glycosylated hemoglobin A_{1C} (HBA_{1C})	HPLC (High Performance Ion Exchange Chromatography)
	Determination of 1 parameter	**electrophoresis system** Seville Capillarys 3 OCTA L-28/A.1/10.04.2025
Whole blood (EDTA)	1. Determination of glycosylated hemoglobin A_{1C} (HBA_{1C})	Sebia Capillaries 3 OCTA S/N:1884
Coagulation-hemostasis tests		
	Determination of 8 parameters	**Pexiological STAGO STAR MAX3 Analyzer (s/n** 0004451**)** L-29/A.1/10.04.2025
Plasma (Citrate)	1. Partial thromboplastin time (aPTT)	Pexological
	2. Prothrombin time (Pt)	
	3. Prothrombin time international normalized ratio (Pt INR)	
	4. Antithrombin (ATIII)	Colorimetric with synthetic substrate CBS 61.50
	5. Fibrinogen (FIBR)	Clotting with excess thrombin according to the Clauss method
	6. C activity (PROT C)	Colorimetric with synthetic substrate CBS 42.46
	7. S antigen (Free S)	Immunoturbidimetric with suspension of polystyrene latex particles
	8. D-Dimers of Fibrin (D - Dimers)	
Immunological Tests		
	Determination of 2 parameters	
Blood serum	1. Antinuclear antibodies (ANA)	IFA immunofluorescence with HEP-2 cell substrate **Immunofluorescence system Biorad PhD WorkStation (s / n) PB4F467013)** L-30/A.1/10.04.2025
	2. Antinuclear antibodies (ANA)	IFA immunofluorescence with HEP-2 cell substrate **System immunofluorescence Biorad PhD WorkStation (s/n PB2G398110)** L-30/A.1/10.04.2025
	Determination of 1 parameter	
Blood serum	1. Antibodies against double-stranded DNA (anti - ds) DNA)	ELISA immunoassay with nucleosome-conjugated double-stranded DNA (NcX) antigenic substrate (EUROIMMUN) Medical Laboratory diagnostics AG CE IVD)

<table>
<tr><th>Materials / Products under test</th><th>Test Types / Measured Properties</th><th>Applied methods / Techniques used</th></tr>
<tr><td rowspan="8"></td><td></td><td>L-30/A.1/10.04.2025</td></tr>
<tr><td>Determination of 2 parameters</td><td></td></tr>
<tr><td>1. IgG antibodies against Herpes virus I (HSV Ig G)</td><td rowspan="2">LIASON automated immunoassay analyzer XL (s / n 2210003776)
Chemiluminescence
L -30/A.1/10.04.2025</td></tr>
<tr><td>2. IgG antibodies against Herpes virus I I (HSV I I IgG)</td></tr>
<tr><td>Determination of 4 parameters</td><td>IDS automated immunoassay analyzer Yesss s / n B300 B1350
L-30/A.1/10.04.2025</td></tr>
<tr><td>1. Anti-B2 glycoprotein IgG antibodies (aβ2GPI IgG)</td><td rowspan="4">Chemiluminescence</td></tr>
<tr><td>2. Anti-B2 glycoprotein IgM antibodies (aβ2GPI IgM)</td></tr>
<tr><td>3. Anticardiolipin IgG antibodies (aCL IgG)</td></tr>
<tr><td>4. Anticardiolipin IgM antibodies (aCL IgM)</td></tr>
<tr><td colspan="3">Molecular Genetics</td></tr>
<tr><td>Whole blood - EDTA</td><td>gene mutations cystic fibrosis transmembrane conductance regulator (CFTR) and 3 polymorphisms in intron 8</td><td>ViennaLab manufacturer method CE IVD * with PCR technique in the thermal cycler SaCycler-96R 5x Real Time PCR (s / n A5F907.L14) and reverse hybridization on films
L-31/A.2/26.05.2026</td></tr>
<tr><td>Whole blood - EDTA (continued)</td><td>
<table>
<tr><td>1</td><td>CFTRdel2,3</td><td>19</td><td>G85E</td></tr>
<tr><td>2</td><td>I507del</td><td>20</td><td>394delTT</td></tr>
<tr><td>3</td><td>F508del</td><td>21</td><td>R117H</td></tr>
<tr><td>4</td><td>1717-1G>A</td><td>22</td><td>Y122X</td></tr>
<tr><td>5</td><td>G542X</td><td>23</td><td>621+1G>T</td></tr>
<tr><td>6</td><td>G551D</td><td>24</td><td>711+1G>T</td></tr>
<tr><td>7</td><td>R553X</td><td>25</td><td>1078delT</td></tr>
<tr><td>8</td><td>R560T</td><td>26</td><td>R334W</td></tr>
<tr><td>9</td><td>2143delT</td><td>27</td><td>R347H</td></tr>
<tr><td>10</td><td>2183AA>G</td><td>28</td><td>R347P</td></tr>
<tr><td>11</td><td>2184delA</td><td>29</td><td>A455E</td></tr>
<tr><td>12</td><td>2184insA</td><td>30</td><td>1898+1G>A</td></tr>
<tr><td>13</td><td>2789+5G>A</td><td>31</td><td>3120+1G>A</td></tr>
<tr><td>14</td><td>R1162X</td><td>32</td><td>3272-26A>G</td></tr>
<tr><td>15</td><td>3659delC</td><td>33</td><td>Y1092X</td></tr>
<tr><td>16</td><td>3905insT</td><td>34</td><td>3849+10kbC >T</td></tr>
<tr><td>17</td><td>W1282X</td><td>polymer</td><td>IVS8 5T</td></tr>
</table>
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Materials / Products under test	Test Types / Measured Properties	Applied methods / Techniques used
	<table><tr><td></td><td></td><td>1</td><td></td></tr><tr><td>18</td><td>N1303K</td><td>polymer 2</td><td>IVS8 7T</td></tr><tr><td></td><td></td><td>polymer 3</td><td>IVS8 9T</td></tr></table>	
	Detection of ΔF508del mutation gene cystic fibrosis transmembrane conductance regulator (CFTR)	Real constructor method Time PCR (MutaPLATE , Immundiagnostik AG , CE IVD kit) on the Qiagen thermal cycler Rotor - gene QMDX 5 PLEX PLATFORM Real Time PCR (s / n R 0820349), L-31/A.2/26.05.2026
	HLA detection B -27	Real constructor method Time PCR , (kit GenVinSet , Blackhills Diagnostics Resources , CE IVD) in the thermal cycler Qiaquant 96 5 PLEX Real Time PCR (s / n 3107V-3122429) L-31/A.2/26.05.2026
Whole blood - EDTA (continued)	Detection of 3 mutations: 1. Factor V G1691A (Leiden) 2. Prothrombin G20210A 3. MTHFR C677T	Manufacturer's method Sacace Molecular Genetics FV (G1691A) Leiden SNP-Screen FII Prothrombin (G20210A) SNP-Screen MTHFR (C677T) SNP-Screen, CE IVD Method , on the Corbett Rotorgene 6000 Real Time PCR thermal cycler (s / n R030753) L-31/A.2/26.05.2026
	Detection of 1 mutation: 1. MTHFR A1298C	Method manufacturer Sacace Molecular Genetics Real Time PCR kits for detection of Single Nucleotide Polymorphisms (SNPs) MTHFR Glu429Ala 1298 A>C Rs1801131, RUO Method, in thermal Corbett Rotorgene 6000 Real Time PCR cycler (s/n R030753) L-31/A.2/26.05.2026
Blood plasma (EDTA) (continued)	Hepatitis B virus (HBV) DNA quantification DNA)	Method RealTime PCR manufacturer (kit) Sacace , HBV Real - TM Quant Dx - RUO) on the Corbett Rotorgene 6000 Real Time PCR Thermal Cycler (s / n R030753) L-31/A.2/26.05.2026
	Hepatitis C virus (HCV) RNA quantification RNA)	Manufacturer's method RealTime PCR, Reverse transcription PCR (kit) Sacace , HCV Real - TM Quant Dx - RUO) in the thermal cycler Qiagen Rotor - gene QMDX 5 PLEX PLATFORM sn R 0920370 L-31/A.2/26.05.2026

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
Oropharyngeal /nasal swab	Molecular detection of the RNA of the novel coronavirus SARS - CoV -2 The method detects part of the genes : 1. N (nucleocapsid) 2. ORF (overlapping open reading frame) 1ab		Method manufacturer Real-TM PCR (Zybio SARS-CoV-2 Nucleic Acid Detection, CE IVD) to the thermal cyclizer Qiagen Rotor-gene QMDX 5PLEX PLATFORM sn R 0920370 L-31/A.2/26.05.2026
	Molecular detection of the RNA of the novel coronavirus SARS - CoV -2 The method detects part of the genes : 1. N (nucleocapsid) 2. ORF (overlapping open reading frame) 1ab		Method manufacturer Real-TM PCR (Zybio SARS-CoV-2 Nucleic Acid Detection, CE IVD) to the thermal cyclizer Qiagen Rotor-gene QMDX 5PLEX PLATFORM sn R0820349 L-31/A.2/26.05.2026
Determination allergens			
	Identification of 233 allergens (specific Immunoglobulin IgE - RAST)		**Immulite 2000*(s / n) automatic immunoassay analyzer K4449)** L-32/A.1/10.04.2025
Blood serum	1. g1	Anthoxanthum odoratum	Chemiluminescence (CLIA)
	2. g2	Bermuda grass	
	3. g3	Dactylis glomerata	
	4. g4	Tall fescue	
	5. g5	Agrostis stolonifera	
	6. g6	Phleum pratense (Timothy	
	7. g7	Phragmites communis	
	8. g8	Poa pratensis (Kentucky	
	9. g 9	Agrostis tenuis	
	10. g10	Sorghum halepense (Johnson	
	11. g11	Wild oat (Avena fatua)	
	12. g12	Cultivated rye	
	13. g13	Holcus lanatus (Yorkshire fog)	
	14. g14	Avena sativa (Oat)	
	15. g15	Triticum aestivum (Wheat)	
	16. g16	Alopecurus	
	17. g17	Paspalum	
	18. g70	Elymus	
	19. g71	Phalaris	
	20. g202	Zea mays (Maize)	
	21. w1	Ambrosia artemisiifolia	
	22. w2	Ambrosia artemisiifolia (Short	
	23. w3	Trilobus	
	24. w4	Iva xanthifolia	
	25. w5	Artemisia absinthium	
	26. w6	Artemisia	
Blood serum	27. w7	Bellis perennis (Daisy)	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
(continued)	28. w8	Taraxacum officinale	
	29. w9	Plantago lanceolata (Ribwort	
	30. w10	Chenopodium album (Lamb's	
	31. w11	Tamarix (Russian thistle)	
	32. w12	Solidago (Goldenrod)	
	33. w13	Xanthium strumarium	
	34. w14	Amaranthus	
	35. w15	Rumex	
	36. w16	Iva imbricata (Rough marsh	
	37. w18	Rumex acetosa (Sorrel)	
	38. w19	Parietaria officinalis	
	39. w20	Urtica dioica (Nettle)	
	40. w21	Parietaria judaica	
	41. t1	Acer (Maple)	
	42. t2	Alnus glutinosa (Alder)	
	43. t3	Betula pendula (Silver birch)	
	44. t4	Corylus avellana (Hazel)	
	45. t5	Fagus sylvatica (Beech)	
	46. t6	Juniperus communis (Mountain	
	47. t7	Quercus (Oak)	
	48. t8	Ulmus (Elm)	
	49. t9	Olea europaea (Olive)	
	50. t10	Juglans regia (Walnut)	
	51. t11	Platanus (Plane tree), Sycamore	
	52. t12	Salix (Willow)	
	53. t14	Populus (Poplar)	
	54. t15	Fraxinus (Ash tree)	
	55. t16	Pinus strobus (White pine)	
	56. t18	Eucalyptus	
	57. t19	Acacia, Mimosa	
	58. t20	Wild mimosa	
	59. t 22	Juglans nigra (Black walnut)	
	60. t23	Cupressus sempervirens	
	61. t37	Taxodium distichum (Bald	
	62. t70	Morus alba (White mulberry)	
	63. t 71	Morus rubra (Red mulberry)	
	64. t 72	Roystonea (Royal palm)	
	65. t73	Casuarina (Australian pine)	
	66. t 208	Tilia (Linden, Lime tree)	
	67. t210	Ligustrum (Privet)	
	68. t402	Pistacia lentiscus (Mastic tree)	
	69. d1	Dermatophagoides	
	70. d2	Dermatophagoides farinae	
	71. d3	Dermatophagoides microceras	
	72. d 70	Acarus siro	
	73. d71	Lepidoglyphus destructor	
	74. d72	Tyrophagus putrescentiae	
	75. d73	Glycyphagus domesticus	
Blood serum	76. d74	Euroglyphus maynei	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
(continued)	77. h1	House dust (Greer)	
	78. h 6	House dust (Japan)	
	79. m1	Penicillium notatum	
	80. m2	Cladosporium herbarum	
	81. m3	Aspergillus fumigatus	
	82. m4	Mucor racemosus	
	83. m5	Candida albicans	
	84. m6	Alternaria tenuis	
	85. m 7	Botrytis cinerea	
	86. m 8	Helminthosporium halodes	
	87. m9	Fusarium moniliforme	
	88. m 10	Stemphylium botryosum	
	89. m11	Rhizopus nigricans	
	90. m12	Aureobasidium pullulans	
	91. m13	Phoma betae	
	92. m14	Epicoccum purpurascens	
	93. m15	Trichoderma viride	
	94. m16	Curvularia lunata	
	95. m70	Malassezia (Pityrosporum	
	96. m207	Aspergillus niger	
	97. m305	Penicillium brevicompactum	
	98. m311	Aspergillus flavus	
	99. m312	Aspergillus clavatus	
	100. p1	Ascaris	
	101. k20	Processed wool	
	102. k74	Silk (Bombyx silk)	
	103. k82	Latex	
	104. k84	Sunflower seed	
	105. o1	Cotton	
	106. f1	Egg white	
	107. f 2	Cow’s milk	
	108. f 3	Codfish	
	109. f 4	Wheat/Semolina	
	110. f5	Rye	
	111. f 6	Barley	
	112. f 7	Oat	
	113. f8	Cornmeal	
	114. f 9	Rice	
	115. f10	Sesame	
	116. f11	Buckwheat flour	
	117. f12	Pea	
	118. f1 3	Peanut	
	119. f1 4	Soybean	
	120. f15	White bean	
	121. f17	Hazelnut	
	122. f18	Brazil nut	
	123. f20	Almond	
Blood serum	124. f23	Crab	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
(continued)	125. f24	Shrimp	
	126. f25	Tomato	
	127. f26	Pork	
	128. f27	Beef	
	129. f31	Carrot	
	130. f33	Orange	
	131. f35	Potato	
	132. f36	Coconut	
	133. f37	Mussel	
	134. f40	Tuna	
	135. f41	Salmon	
	136. f44	Strawberry	
	137. f45	Baker’s yeast	
	138. f47	Garlic	
	139. f48	Onion	
	140. f49	Apple	
	141. f59	Octopus	
	142. f61	Sardine	
	143. f65	Perch	
	144. f67	Parmesan cheese	
	145. f75	Egg yolk	
	146. f76	Alpha-lactalbumin	
	147. f77	Beta-lactoglobulin	
	148. f78	Casein	
	149. f79	Gluten	
	150. f80	Lobster	
	151. f81	Cheddar cheese	
	152. f82	Roquefort	
	153. f83	Chicken	
	154. f84	Kiwi	
	155. f85	Celery	
	156. f86	Parsley	
	157. f87	Melon	
	158. f88	Lamb	
	159. f89	Mustard	
	160. f90	Malt	
	161. f91	Mango	
	162. f92	Banana	
	163. f93	Cocoa	
	164. f94	Pear	
	165. f95	Peach	
	166. f96	Avocado	
	167. f105	Chocolate	
	168. f170	Emmental cheese (Swiss	
	169. f202	Cashew	
	170. f203	Pistachio	
	171. f207	Mollusk	
Blood serum	172. f208	Lemon	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
(continued)	173. f209	Grapefruit	
	174. f210	Pineapple	
	175. f212	Mushroom	
	176. f213	Rabbit meat	
	177. f214	Spinach	
	178. f215	Lettuce	
	179. f220	Cinnamon	
	180. f221	Coffee	
	181. f222	Tea	
	182. f231	Boiled milk	
	183. f232	Ovalbumin	
	184. f233	Ovomucoid	
	185. f235	Lentil	
	186. f237	Apricot	
	187. f242	Cherry	
	188. f245	Egg	
	189. f247	Honey	
	190. f255	Plum	
	191. f256	Walnut	
	192. f258	Squid	
	193. f259	Grape	
	194. f262	Eggplant	
	195. f280	Black pepper	
	196. f284	Turkey meat	
	197. f299	Chestnut	
	198. f302	Mandarin	
	199. f325	Sheep’s milk	
	200. f329	Watermelon	
	201. f360	Yogurt	
	202. f409	Goat’s milk	
	203. e1	Cat epithelium/dander	
	204. e2	Dog epithelium	
	205. e3	Horse dander	
	206. e4	Cow dander	
	207. e5	Dog dander	
	208. e7 0	Goose feathers	
	209. e71	Mouse epithelium	
	210. e73	Rat epithelium	
	211. e80	Goat epithelium	
	212. e81	Sheep epithelium	
	213. e82	Rabbit epithelium	
	214. e84	Hamster epithelium	
	215. e85	Chicken feathers	
	216. e201	Canary feathers	
	217. e215	Pigeon feathers	
	218. i1	Bee venom	
	219. i2	Bald-faced hornet	
Blood serum	220. i3	Wasp venom	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
(continued)	221. i4	Paper wasp	
	222. i5	Yellow jacket	
	223. i75	Wasp	
	224. i6	Cockroach	
	225. i8	Moth	
	226. i71	Mosquito	
	227. i73	Gnat	
	228. i203	Mediterranean flour moth	
	229. i204	Horsefly	
	230. c1	Penicillin G	
	231. c2	Penicillin V	
	232. c203	Ampicillin	
	233. c204	Amoxicillin	
	Identification of 19 allergen mixtures		**Immulite 2000* automated immunoassay analyzer (s / n) K4449)**
Blood serum	1. GP1	Early grass pollen mix (g3, g4, g5, g6, g8)	Chemiluminescence (CLIA) L-32/A.1/10.04.2025
	2. GP2	Early grass pollen mix (g2, g5, g6, g8, g10, g17)	
	3. GP4	Late grass pollen mix (g1, g5, g7, g12, g13)	
	4. WP3	Weed pollen mix (w6, w9, w10, w12, w20)	
	5. TP4	Tree pollen mix (t7, t8, t11, t12, t14)	
	6. TP 7	Tree pollen mix (t9, t12, t16, t18, t19, t21)	
	7. HP1	House dust mix (h1, d1, d2, i6)	
	8. MP 1	Fungi mix (m1, m2, m3, m5, m6)	
	9. IP8	Inhalant mix (d1, e1, e5, g6, g12, m2, t3, w6)	
	10.IP10	Inhalant mix (t9, t11, t23, w9, w19)	
	11. FP5	Food mix (f1, f2, f3, f4, f13, f14)	
	12. FP15	Fruit mix (f33, f49, f92, f95)	
	13. FP1	Nut mix (f13, f17, f18, f20, f36)	
Blood serum (continued)	14. FP13	Vegetable mix (f12, f15, f31, f35)	
	15. FP 51	Vegetable & mustard mix (f25, f31, f35, f47, f89)	
	16. F P 2	Fish/shellfish mix (f3, f24, f37, f40, f41)	
	17. EP70	Rodent epithelium mix (e6, e82, e84, e87, e88)	
	18. EP71	Farm bird feather mix (e70, e85,	

Materials / Products under test	Test Types / Measured Properties		Applied methods / Techniques used
		e86, e89)	
	19. EP72	Household bird feather mix (e78, e91, e201)	

**The mention of the commercial name of the analyzer/kit refers to a specific analytical method and corresponding work protocol.*

Place of assessment: **Permanent Facilities, 9 Leventi, Peristeri 12132, Attica.**
Authorized signatories: **Makri Lina, Chatzantonaki Kalliopi, Zorbas Georgios, Kaizer Roula, Konstantinidis Alexandros, Xenou Pinelopi, Afentra Paraskevi, Adam Panagiota, Kotsigiannis Vasileios, Pasamitrou Dimitra, Giannaka Eleni**

This Accreditation Scope replaces the previous one dated 08.04.2026.
The Accreditation Certificate No. **889-**6, according to ELOT EN ISO 15189:2022, is valid until **15.10.2030**.

Athens, 19th June 2026

Konstantinou Evangelos Apostolos

CEO of ESYD