HELLENIC ACCREDITATION SYSTEM

Annex F1/16 to the Certificate No. **892**-5

SCOPE of ACCREDITATION

of the

Testing Laboratory

of

EUROPEAN INSTITUTE FOR GENETICS AND DNA IDENTIFICATION PRIVATE DIAGNOSTIC LABORATORY SINGLE MEMBER SOCIETE ANONYME, DNAlogy S.A.

Materials / Products under testing	Type of testing / Evaluated properties	Apllied Methods / Used Techniques
Biological testing		
Blood (whole, stains) Saliva (whole, buccal swabs, FTA cards, stains) Body fluids and tissues (Seminal fluids, cellular material, hair, nails, bones) Any material / stain, forensic evidence (documents, clothing, fabrics, condoms, toothbrushes, cigarette buts, pacifiers, glasses, forks, and knives, etc.)	**Forensic tests** 1. Determination of human genetic profile with the analysis of Short Tandem Repeats (STRs) D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, Amelogenin, Penta_D, Penta_E, D10S1248, D22S1045, D2S441, D1S1656, D12S391, SE33, DYS391, Yindel	1) DNA Extraction with Magnesil KF Genomic System (Promega) and CrimePrep (Ademtech) kits in robotic equipment and with QIAamp DNA Investigator (QIAGEN) and Nucleospin Tissue (Macherey-Nagel) kits. 2) Quantification of extracted DNA with Quantifiler and Quantifiler Trio kits in 7500 Real-Time PCR system (Applied Biosystems™). 3) Amplification of extracted DNA with PCR using Identifiler Plus, NGM, NGM SElect, GlobalFiler IQC, GlobalFiler Express (Applied Biosystems™) and PowerPlex16 HS (Promega) kits. 4) Electrophoretic separation of PCR products (fragment analysis) and genetic profiling in ABI 3130xl and ABI 3500xL Genetic Analyzers (Applied Biosystems™) with the GeneMarker HID software (SoftGenetics), comparative analysis.

Materials / Products under testing	Type of testing / Evaluated properties	Apllied Methods / Used Techniques
Blood (whole, stains) Saliva (whole, buccal swabs, FTA cards, stains) Body fluids and tissues (seminal fluids, cellular material, hair, nails, bones) Any material / stain, forensic evidence (documents, clothing, fabrics, condoms, toothbrushes, cigarette buts, pacifiers, glasses, forks and knives, etc.) (continued)	2. Haplotype determination of Y chromosome with the analysis of Short Tandem Repeats (STRs) DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385a/b, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438, DYS448, DYS627, DYS449, DYS387S1 a⁄b, DYS576, DYS460, DYS533, DYS570, DYS481, DYS518	1) DNA Extraction with Magnesil KF Genomic System (Promega) and CrimePrep (Ademtech) kits in robotic equipment and with QIAamp DNA Investigator (QIAGEN) and Nucleospin Tissue (Macherey-Nagel) kits. 2) Quantification of extracted DNA with Quantifiler and Quantifiler Trio kits in 7500 Real-Time PCR system (Applied Biosystems™). 3) Amplification of extracted DNA with PCR using Yfiler and Yfiler Plus kits (Applied Biosystems™). 4) Electrophoretic separation of PCR products (fragment analysis) and genetic profiling in ABI 3130xl and ABI 3500xL Genetic Analyzers (Applied Biosystems™) with the GeneMarker HID software (SoftGenetics), comparative analysis.
Blood (whole, stains) Saliva (whole, buccal swabs, FTA cards, stains) Body fluids and tissues (seminal fluids, cellular material, hair, nails, bones) Any material / stain, forensic evidence (documents, clothing, fabrics, condoms, toothbrushes, cigarette buts, pacifiers, glasses, forks and knives, etc.)	**Paternity - Biological relationship testing** Determination of human genetic profile and haplotype determination of Y chromosome with the analysis of Short Tandem Repeats (STRs) D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, Amelogenin, Penta_D, Penta_E, D10S1248, D22S1045, D2S441, D1S1656, D12S391, SE33, DYS391, Yindel DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385a/b, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438, DYS448, DYS627, DYS449, DYS387S1 a⁄b, DYS576, DYS460, DYS533, DYS570, DYS481, DYS518	1) DNA Extraction with Magnesil KF Genomic System (Promega) and CrimePrep (Ademtech) kits in robotic equipment and with QIAamp DNA Investigator (QIAGEN) and Nucleospin Tissue (Macherey-Nagel) kits. 2) Quantification of extracted DNA with Quantifiler and Quantifiler Trio kits in 7500 Real-Time PCR system (Applied Biosystems™). 3) Amplification of extracted DNA with PCR using Identifiler Plus, NGM, NGM SElect, GlobalFiler IQC, GlobalFiler Express, Yfiler, Yfiler Plus (Applied Biosystems™) and PowerPlex16 HS (Promega) kits. 4) Electrophoretic separation of PCR products (fragment analysis) and genetic profiling in ABI 3130xl and ABI 3500xL Genetic Analyzers (Applied Biosystems™) with the GeneMarker HID software (SoftGenetics), comparative analy sis.

Materials / Products under testing	Type of testing / Evaluated properties	Apllied Methods / Used Techniques
Body fluids Any material / stain, forensic evidence (documents, clothing, fabrics, condoms, toothbrushes, cigarette buts, pacifiers, glasses, forks and knives, etc.)	**Detection of Biological Material** 1. Preliminary analysis for the detection of blood, saliva, seminal fluids, hair, cellular remnants. 2.Sampling of biological material for DNA analysis 3. Blood detection methods 4. Seminal fluids detection methods 5. Saliva detection method	Microscopic and macroscopic analysis, use of ultraviolet light (Crime-lite 2, Foster Freeman). Sampling, swabbing and cutting of stains/materials for analysis. Blood detection with Bluestar Forensic. Enzymatic blood detection with Kastle-Meyer. Immunochemical detection of human hemoglobin with the HemDirect Kit (SERATEC) Enzymatic detection of acid phospatase (PA) Immunochemical detection of PSA with the SEMIQUANT Kit (SERATEC) Immunochemical detection of α-amylase with the α-Amylase Saliva Test kit (SERATEC)
Toxicological testing		
Urine	Qualitative determination of pharmaceutical substances, drugs of abuse, alcohol and their metabolites. Amphetamines, Methamphetamines, MDMA, Tricyclic antidepressants, Oxycodone, Opiates, 6-MAM, Benzodiazepines, Barbiturates, Cannabinoids, Dextromethorphan, Methadone, Benzoylecgonine/Cocaine, Meprobamate, Tramadol, Fentanyl, Buprenorphine, Propoxyphene, Phencyclidine, Zolpidem, Ketamine, Haloperidol, Methaqualone, Pregabalin, Ethyl-Glucoronide, Acetaminophen, Salicylates, Creatinine	Competitive enzyme immunoassay in automated biochip array analyzer

Site of assessment: **Permanent laboratory premises, 98 Vouliagmenis av., GR-16674, Glyfada, Attiki, Greece.**
Approved signatories: **G. Fitsialos, E. Karantzali.**

This Scope of Accreditation replaces the previous one dated 24.06.2026.
The Accreditation Certificate No. **892**-5, to ELOT EN ISO/IEC 17025:2017, is valid until 30.10.2030.

Athens, 5 August 2026

Konstantinou Evangelos Apostolos
CEO of ESYD