Hellenic AccreditationSystem

Appendix G1/3 of Certificate No.**1363-**2

OFFICIAL SCOPE OF ACCREDITATION

of

Biochemical Laboratory

of

Laboratory Department

of

“GEORGIOS GENNIMATAS” GENERAL HOSPITAL OF ATHENS

Materials / Products being tested	Test types / Measured Properties	Analyzer	Applied methods / Techniques used
Biochemical Assays			
1. Lithium Heparin Plasma	**Assessment of 28 parameters**	**Automated biochemical analyzers Alinity c Abbott Laboratories Hellas**	
	1. Glucose	AC02526 AC02525 AC02517 AC02328	Enzymatic method (Hexokinase/G-6-PDH)/ Spectrophotometry Method/version: Reagent insert, version 07P55, 04/2022
	2.Urea Nitrogen	AC02526 AC02525 AC02517 AC02328	Enzymatic method (Urease)/ Spectrophotometry Method/version: Reagent insert, version 08P16, 04/2022
	3. Creatinine Enzymatic	AC02526 AC02525 AC02517 AC02328	Enzymatic method (Creatininase, Creatinase, Sarcosine oxidase, Peroxidase) / Colorimetry Method/version: Reagent insert, version 08P01, 11/2018
	4. Uric Acid 2	AC02526 AC02525 AC02517 AC02328	Enzymatic method (Uricase)/ Colorimetry Method/version: Reagent insert, version 04U09, 02/2022
	5. Bilirubin Total	AC02526 AC02525 AC02517 AC02328	Diazonium salt/ Colorimetry Method/version: Reagent insert, version 04V51, 02/2022
	6. Bilirubin Direct	AC02526 AC02525 AC02517 AC02328	Diazo reaction/ Colorimetry Method/version: Reagent insert, version 07P97, 04/2022

Materials / Products being tested	Test types / Measured Properties	Analyzer	Applied methods / Techniques used
Lithium Heparin Plasma (continued)	7. Aspartate Aminotransferase (AST)	AC02526 AC02525 AC02517 AC02328	Enzymatic method (NADH (without P-5'-P))/ Spectrophotometry Method/version: Reagent insert, version 04T86, 07/2021
	8. AlanineTransaminase (ALT)	AC02526 AC02525 AC02517 AC02328	Enzymatic method (NADH (without P-5'-P))/ Spectrophotometry Method/version: Reagent insert, version 04T84, 07/2021
	9. Gamma-glutamyl Transferase (γ-GT 2)	AC02526 AC02525 AC02517 AC02328	Enzymatic method, (L-γ-glutamyl-3-carboxy-4-nitroanilide substrate)/ Spectrophotometry Method/version: Reagent insert, version 04T96, 07/2021
	10. Alkaline Phosphatase (AlkP)	AC02526 AC02525 AC02517 AC02328	Para-nitrophenyl phosphate/ Colorimetry Method/version: Reagent insert, version ~~08P20~~ 04T83, 09/2021
	11. Sodium	AC02526 AC02525 AC02517 AC02328	Potentiometry, Diluted Ion-Selective Electrodes (Indirect) Method/version: Reagent insert, version 07P53, 01/2018
	12. Potassium	AC02526 AC02525 AC02517 AC02328	Potentiometry, Diluted Ion-Selective Electrodes (Indirect) Method/version: Reagent insert, version 07P53, 01/2018
	13. Calcium	AC02526 AC02525 AC02517 AC02328	Colorimetric method (ArsenazoIII) Method/version: Reagent insert, version 07P57, 02/2018
	14. Magnesium	AC02526 AC02525 AC02517 AC02328	Enzymatic method (isocitrate dehydrogenase)/ Spectrophotometry Method/version: Reagent insert, version 08P19, 08/2023
	15. Phosphorus	AC02526 AC02525 AC02517 AC02328	Phosphomolybdenum method/ Spectrophotometry Method/version: Reagent insert, version ~~08P40~~ 04U03, 01/2023
	16. Iron	AC02526 AC02525 AC02517 AC02328	Ferene Method/ Colorimetry Method/version: Reagent insert, version ~~08P39~~ 04T98, 03/2022
	17. Amylase	AC02526 AC02525 AC02517	Enzymatic method (CNPG3 Substate)/ Spectrophotometry Method/version: Reagent insert,

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Lithium Heparin Plasma (continued)		AC02328	version 04T85, 07/2020
	18. Creatine Kinase (CK)	AC02526 AC02525 AC02517 AC02328	Enzymatic method (N-acetyl-L-cysteine (NAC))/ Spectrophotometry Method/version: Reagent insert, version 08P42, 02/2022
	19. Lactate Dehydrogenase (LDH)	AC02526 AC02525 AC02517 AC02328	Enzymatic method (reaction of conversion of lactate to pyruvate with reduction of NAD+)/ Spectrophotometry Method/version: Reagent insert, Version 04T99, 02/2022
	20. Total Proteins 2	AC02526 AC02525 AC02517 AC02328	Biuret Method/version: Reagent insert, version 04T81, 02/2022
	21. Albumin BCP 2	AC02526 AC02525 AC02517 AC02328	Colorimetric (bromocresol blue) Method/version: Reagent insert, version 04T82, 08/2020
	22. C-Reactive Protein (CRP Vario High Sensitivity Method)	AC02526 AC02525 AC02517 AC02328	Turbidimetry/Immunoturbidimetry Method/version: Reagent insert, version 07P56, 09/2019
	23. Cholesterol (Chol 2)	AC02526 AC02525 AC02517 AC02328	Enzymatic method Method/version: Reagent insert, version 04T88, 07/2020
	24. HDL (Ultra HDL)	AC02526 AC02525 AC02517 AC02328	Accelerator Selective Detergent Method/version: Reagent insert, version 07P75, 08/2023
	25. Triglyceride (Trig 2)	AC02526 AC02525 AC02517 AC02328	Enzymatic method (Glycerol phosphate oxidase) Method/version: Reagent insert, version 04U06, 04/2021
	26. Haptoglobin	AC02328 AC02327	Immunoturbidimetry Method/version: Reagent insert, version 09P59, 06/2020
	27. Acetaminophen	AC02328 AC02327	Enzymatic (aryl acylamidase) / Colorimetric method Method/version: Reagent insert, version 07P54, 08/2022
	28. Salicylate	AC02327	Enzymatic (salicylate hydroxylase)/ Colorimetric method Method/version: Reagent insert, version 08P59, 04/2019

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2.Urine	**Assessment of 6 parameters**	**Automated biochemical analyzers Alinity c Abbott Laboratories Hellas**	
	1. Amphetamines	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P45, 12/2018
	2. Barbiturates	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P51, 07/2019
	3. Benzodiazepines	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P52, 01/2020
	4. Cocaine	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P55, 12/2019
	5. Opiates	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P65, 07/2019
	6. Cannabinoids	AC02327	Enzyme immunoassay Spectrophotometry Method/version: Reagent insert, version 09P54, 11/2019
Immunochemical Assays			
3. Lithium Heparin Plasma	**Assessment of 7 parameters**	**Automated immunoassay analyzers Alinity i Abbott Laboratories Hellas**	
	1. High-Sensitivity Troponin I (Troponin I hs)	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P13, 09/2021
	2. Ferritin	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P65, 10/2020
	3. Vitamin B12	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P67, 12/2017
	4. Folate	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version ~~07P67~~ 08P14, 11/2017
	5. Cancer Antigen 15-3 (CA 15-3)	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P51, 08/2018
	6. Cancer Antigen 125 (CA 125)	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert,

Materials / Products being tested	Test types / Measured Properties	Analyzer	Applied methods / Techniques used
Lithium Heparin Plasma (continued)			version 08P49, 08/2018
	7. Human chorionic gonadotropin (β-hCG)	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P51, 03/2018
4. Serum	**Assessment of 23 parameters**	**Automated immunoassay analyzers Alinity i Abbott Laboratories Hellas**	
	1. Thyroid-Stimulating Hormone (TSH)	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P48, 10/2021
	2. Free Thyroxine (FT4)	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P70, 02/2018
	3. Total Thyroxine (TT4)	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P95, 02/2018
	4. Total Triiodothyronine (TT3)	AI03944 AI03680 AI03954 AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P94, 04/2020
	5. Total Prostate-Specific Antigen (TPSA)	AI03680 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P92, 05/2019
	6. Cancer Antigen19-9 (CA19-9)	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P32, 03/2018
	7. Alpha-Fetoprotein (AFP)	AI03680 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P90, 08/2019
	8. Carcinoembryonic antigen (CEA)	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P62, 09/2018
	9. Vitamin D	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P45, 02/2018
	10. Free Prostate-Specific Antigen (fPSA)	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P93, 05/2019
	11. Prolactin	AI03944 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert,

Materials / Products being tested	Test types / Measured Properties	Analyzer	Applied methods / Techniques used
Serum (continued)			version 07P66, 02/2018
	12. Cortisol	AI03680 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P33, 02/2018
	13. Testosterone	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P68, 02/2018
	14. Thyroglobulin Antibodies (Anti-Tg)	AI03944 AI03680	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 09P34, 02/2018
	15. Thyroid Peroxidase Antibodies (Anti-TPO)	AI03944 AI03680	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 09P35, 03/2018
	16. Free Triiodothyronine (FT3)	AI03944 AI03680 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P69, 04/2020
	17. Homocysteine	AI03944	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 09P28, 07/2018
	18. Estradiol	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P50, 05/2019
	19. Progesterone	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P36, 04/2018
	20. Follicle Stimulation Hormone (FSH)	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P69, 04/2018
	21. Luteinizing Hormone (LH)	AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 07P69, 04/2018
	22. Procalcitonin (PCT)	AI03944 AI03680	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 01R18, 11/2017

Materials / Products being tested	Test types / Measured Properties	Analyzer	Applied methods / Techniques used
Serum (continued)	23. Thyroglobulin (Tg)	AI03679	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 09P49, 03/2020
5. EDTA-plasma	**Assessment of 1 parameter**	**Automated immunoassay analyzers Alinityi Abbott Laboratories Hellas**	
	1. B-Type Natriuretic Peptide (BNP)	AI03680 AI03954	Chemiluminescent Microparticle Immunoassay (CMIA) Method/version: Reagent insert, version 08P24, 03/2020

** Mention of the trade name of the analyzer refers to a specific analytical method and working protocol.*

Place of evaluation: **Permanent Facilities, 154 Mesogeion Avenue, Athens 11527.**

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Primary Sample Collection Site: **Permanent Facilities, 154 Mesogeion Avenue, Athens 11527.**

This scope of Accreditation replaces the previous one dated 18.06.2024.
The Accreditation Certificate with No. **1363-**2, according to ELOT EN ISO 15189:2022, is valid until 21.08.2028.

Athens, 18th of July 2025

Konstantinou Evangelos Apostolos
CEO of ESYD