

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. L 095-2

The Board of Governors
of the Cyprus Organization for the Promotion of Quality,
the National Accreditation Body,
in accordance with the Article 7 of the Law 156(I)/2002

GRANTS ACCREDITATION to

CLINICAL LABORATORY of the AMERICAN MEDICAL CENTER
in Nicosia

The above Laboratory was assessed according to the Accreditation Criteria for Medical Laboratories, as defined in the standard

CYSEN ISO 15189:2012

and was found technically competent to carry out the **Tests** included in the Scope of Accreditation which is described in the **Annex** to this Certificate as an **integrated part of it. The Scope of Accreditation** can change only after approval from the Cyprus Accreditation Body.

CYS-CYSAB is a signatory of the European co-operation for Accreditation Multilateral Agreement (EA-MLA) for accreditation in this field.

The current Accreditation Certificate, no. L095 is issued on the 21st June 2023 and is valid until 19th July 2025.

Accreditation was awarded for the first time on **July the 20th, 2017.**


Antonis Ioannou
Director

Date: **21st June 2023**

This laboratory is accredited in accordance with the recognised International Standard ISO 15189:2012. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management System (ISO-ILAC-IAF Communiqué, January 2015).



Annex
to the Accreditation Certificate no. L095-2

SCOPE OF ACCREDITATION
for the
Clinical Laboratory of the American Medical Center

*Valid from 21st October 2022 until 19th July 2025.

Materials / Products tested	Types of tests / Properties measured	Applied Methods / Techniques Used
BIOCHEMISTRY TESTS		
Serum	Determination of 26 parameters	Cobas C311
	1. Alanine Aminotransferase (ALT / SGPT)	1. IFCC reaction rate measurement
	2. Albumin (Alb)	2. Colorimetry using bromocresol
	3. Alkaline Phosphatase (ALP)	3. Colorimetry with alkaline phosphatase catalytic activity
	4. Aspartate aminotransferase (AST / SGOT)	4. IFCC reaction rate measurement without pyridoxate phosphatase activation
	5. Lactic Dehydrogenase (LDH)	5. IFCC (UV L → P method)
	6. γ-glutamyltransferase (GGT)	6. Enzymatic colorimetric method
	7. Creatinine kinase (CPK)	7. NAC Activated according to IFCC
	8. Magnesium (Mg)	8. Colorimetry using chlorophosphonazo-III
	9. Total iron binding capacity (UIBC)	9. Direct colorimetric measurement using ferrosine
	10. Total Protein (TP)	10. Colorimetric method with copper / protein complex
	11. Iron (Fe)	11. Pheromazine colorimetry
	12. Triglycerides (Tri)	12. Enzymatic colorimetric method
	13. Glucose (Glu)	13. UV Enzymatic hexokinase method
	14. Direct Bilirubin (Bil- D)	14. Colorimetry using diazo-reagent and d-bilirubin

Materials / Products tested	Types of tests / Properties measured	Applied Methods / Techniques Used
Serum	15. Total bilirubin (T - bili) 16. HDL Cholesterol (HDL) 17. Total Cholesterol (TChol) 18. Amylase (AMS) 19. Calcium (Ca) 20. Potassium (K) 21. Creatinine (Creat) 22. Sodium (Na) 23. Urea (BUN) 24. Uric acid (UA) 25. Phosphates (Phos) 26. LDL	15. Colorimetry using diazo-reagent 16. Immediate homogenized enzymatic colorimetry 17. Enzymatic colorimetry 18. IFCC enzymatic colorimetry 19. Colorimetric method using crosophthalein 20. Indirect Measurement Using Ion Selective Electrodes (ISE) 21. Kinetic reaction in a decolorizing buffer 22. Indirect measurement using ion selective electrodes (ISE) 23. Kinetics with urease and glutamate dehydrogenase 24. Uricase-based enzymatic colorimetric method 25. UV- Molybdenum Method 26. Direct homogenized enzymatic colorimetry
HAEMATOLOGY TESTS		
Blood	Determination of 8 parameters	*DYMIND DH76
	1. Hematocrit (HCT) 2. Platelets (PLT) 3. Hemoglobin (HGB) 4. Red blood cells (RBC) 5. White blood cells (WBC) 6. Mean hemoglobin (MCH) 7. Mean Density of hemoglobin per red blood cell (MCHC) 8. Median red blood cell volume (MCV)	1. Automatic Calculation 2. Electrical Impedance 3. Colorimetric 4. Electrical Impedance 5. Electrical Impedance 6. Automatic Calculation 7. Automatic Calculation 8. Calculation based on RBC histogram

Materials / Products tested	Types of tests / Properties measured	Applied Methods / Techniques Used
IMMUNOASSAY TESTS		
Serum	Determination of 13 parameters	Cobas e411
	1. Prostate Special Antigen (PSA) 2. Thyroid-stimulating hormone (TSH) 3. Free Thyroxine (FT4) 4. Insulin 5. Vitamin B12 (B12) 6. Parathyroid hormone (PTH) 7. Alphaphetoprotein (AFP) 8. Cancer Index CA 125 9. Cancer Index CA 15-3 10. Cancer Index CA 19-9 11. Carcinoembryonic Antigen (CEA) 12. Ferritin (FER) 13. Vitamin D (Vit-D)	Immunochemical electrochemiluminescence technique

All reports should be signed by *Mrs Aggeliki Constantinou.

Comments

This Annex refers **only to tests** carried out **in the premises of the Laboratory**, Address: Spyros Kyprianou Avenue, 2047, Strovolos, Nicosia



Antonis Ioannou
Director

Date: **21st June 2023**