



# Certificate of Accreditation

This is to certify that

**EL-LAB LIMITED (MEDICAL DIAGNOSTICS AND RESEARCH CENTER)**

PLOT 603. 3RD AVENUE, 'S' CLOSE, BY 32 ROAD JUNCTION, FESTAC TOWN, LAGOS  
Has been assessed by the Nigeria National Accreditation System and meets the requirements of the International Standard

## ISO 15189:2022

with demonstrated technical competence in the field of

### Medical Testing

for the specific services listed on the approved Scope of Accreditation.

On behalf of the Nigeria National Accreditation System:



Medical  
No. M0002

Date of Issue of First Accreditation: **October 21st, 2024**

Date of Issue of Latest Accreditation: **June 10th, 2026**

Expiry Date: **June 9th, 2030**

Reaccreditation Date: **December 9th, 2029**

## Scope of Accreditation

### Medical Laboratory

**EL-LAB LIMITED (MEDICAL DIAGNOSTICS AND RESEARCH CENTER)**

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Reference No.: MLT0013B26

Issue No. 2: 10 06, 2026

Valid to : 9 06, 2030

DISCIPLINE AND SAMPLE TYPE OR PRODUCTS TESTED AND LOCATION FOR POCT	TYPE OF TESTS	EQUIPMENT OR METHOD USED
<b>Chemistry</b>		
SERUM	ALBUMIN	Bromcresol Green (BCG)(ERBA XL-200)
	ALKALINE PHOSPHATASE (ALP)	PNPP, AMP Buffer (ERBA XL-200)
	ALANINE AMINO TRANSFERASE (ALT)	UV with P5P (ERBA XL-200)
	ASPARTATE AMINO TRANSFERASE (AST)	UV with P5P (ERBA XL-200)
	TOTAL CHOLESTEROL	Cholesterol oxidase, esterase, peroxidase (ERBA XL-200)
	CREATININE	Alkaline picrate method (ERBA XL-200)
	DIRECT BILIRUBIN	Diazotization (ERBA XL-200)
	GAMMA GLUTAMYL TRANSFERASE (GGT)	G-glutamyl-carboxy-nitroanilide (ERBA XL-200)
	GLUCOSE	Glucose oxidase, hydrogen peroxide (Trinder) (ERBA XL-200)
	HIGH DENSITY LIPOPROTEIN- CHOLESTEROL (HDL-C)	Direct measure-PEG (ERBA XL-200)
	TOTAL BILIRUBIN	Diazonium Ion (ERBA XL-200)
	TOTAL PROTEIN	Biuret method- ERBA XL-200
	TRIGLYCERIDE	Enzymatic, end point- ERBA XL-200
	UREA	Urease, UV- ERBA XL-200
	URIC ACID	Uricase, colorimetric- ERBA XL-200
	SODIUM	ISE INDIRECT- ERBA LYTE PRO/ AUDICOM AC9900E
	POTASSIUM	ISE INDIRECT- ERBA LYTE PRO/ AUDICOM AC9900E
CHLORIDE	ISE INDIRECT- ERBA LYTE PRO/ AUDICOM AC9900E	
BICARBONATE	ISE INDIRECT- ERBA LYTE PRO/ AUDICOM AC9900E	
<b>Haematology</b>		
WHOLE BLOOD	HEAMOGLOBIN	Cyanide-free SLS method- <b>SYSMEX XN-350</b>
	HAEMATOCRIT (HCT)	Automated Calculation- <b>SYSMEX XN-350</b>
	MEAN CELL HAEMOGLOBIN (MCH)	Automated Calculation- <b>SYSMEX XN-350</b>
	MEAN CELL VOLUME (MCV)	Electronic Impedance- <b>SYSMEX XN-350</b>
	MEAN CELL HEAMOGLOBIN CONCENTRATION (MCHC)	Automated Calculation- <b>SYSMEX XN-350</b>
	PLATELETS	Electronic impedance- <b>SYSMEX XN-350</b>
	RED BLOOD CELL (RBC)	Electronic impedance- <b>SYSMEX XN-350</b>

DISCIPLINE AND SAMPLE TYPE OR PRODUCTS TESTED AND LOCATION FOR POCT	TYPE OF TESTS	EQUIPMENT OR METHOD USED
WHOLE BLOOD	RDW-CV	Automated Calculation- SYSMEX XN-350
	TOTAL WHITE BLOOD CELL COUNT (WBC-T)	Flow cytometry- SYSMEX XN-350
	% NEUTROPHIL	Automated Calculation- SYSMEX XN-350
	% LYMPHOCYTE	Automated Calculation- SYSMEX XN-350
	%EOSINOPHIL	Automated Calculation- SYSMEX XN-350
	% BASOPHIL	Automated Calculation- SYSMEX XN-350
	% MONOCYTE	Automated Calculation- SYSMEX XN-350
	MALARIA PARASITE MICROSCOPY	Giemsa staining and Microscopy
<b>Microbiology</b>		
Urine	URINE : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Stool	STOOL : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Sputum	SPUTUM : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Nasal swab	Nasal Swab : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Eye Swab	Eye swab : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Urine	URINALYSIS	AUTOMATION/MANUAL
Blood	BLOOD CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Aspirate	MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Semen	Semen: MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Throat Swab	Throat Swab : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Ear Swab	Ear swab : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
HVS	HVS : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Fluid	Fluid : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Wound	MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
ECS	ECS : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
Pus	Pus : MICROSCOPY, CULTURE AND SENSITIVITY	AUTOMATION/MANUAL
<b>Serology</b>		
SERUM	HIV 1 AND 2 (Rapid)	Manual
	HEPATITIS B SURFACE ANTIGEN (HBsAG- Rapid)	Manual
	HEPATITIS C VIRUS (HCV- Rapid)	Manual
	HELICOBACTER PYLORI (H pylori Antibody)	Manual

DISCIPLINE AND SAMPLE TYPE OR PRODUCTS TESTED AND LOCATION FOR POCT	TYPE OF TESTS	EQUIPMENT OR METHOD USED
SERUM	SYPHILIS SCREEN	Manual
	PREGNANCY TEST	Manual
	HELICOBACTER PYLORI (H pylori Antigen)	Manual
<b>Endocrinology/Immunology</b>		
SERUM	LEUTINIZING HORMONE (LH)	Chemiluminescence -Maglumi X3/Maglumi 800
	FOLLICLE STIMULATING HORMONE (FSH)	Chemiluminescence-Maglumi X3/Maglumi 800
	PROLACTIN	Chemiluminescence-Maglumi X3/Maglumi 800
	PROGESTERONE	Chemiluminescence-Maglumi X3/Maglumi 800
	TESTOSTERONE-TOTAL	Chemiluminescence-Maglumi X3/Maglumi 800
	ESTRADIOL (E2)	Chemiluminescence-Maglumi X3/Maglumi 800
	PROSTATE SPECIFIC ANTIGEN -TOTAL(TOTAL-PSA)	Chemiluminescence-Maglumi X3/Maglumi 800
	TRIIODOTHYRONINE (T3-TOTAL)	Chemiluminescence-Maglumi X3/Maglumi 800
	THYROXINE (T4- TOTAL)	Chemiluminescence-Maglumi X3/Maglumi 800
THYROID-STIMULATING HORMONE(TSH)	Chemiluminescence-Maglumi X3/Maglumi 800	