



Type: Initial Accreditation



# 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

Issue date: **October 21, 2024**  
Valid through: **October 20, 2026**

## Scope of Accreditation

### Medical Laboratory

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

PLOT 603. 3RD AVENUE, 'S' CLOSE, BY 32 ROAD JUNCTION, FESTAC TOWN, LAGOS

Schedule NO.: M 0002

Issue No. 2: 21 10, 2024

Valid to : 20 10, 2026

Type of Sample	Types of Tests	Equipment	Method Used
<b>CHEMISTRY</b>			
<b>SERUM</b>	ALBUMIN	ERBA XL-200	Bromcresol Green (BCG)
	ALKALINE PHOSPHATASE (ALP)	ERBA XL-200	PNPP, AMP Buffer
	ALANINE TRANSAMINASE(ALT)	ERBA XL-200	UV with P5P
	ASPARTATE AMINO TRANSFERASE(AST)	ERBA XL-200	UV with P5P
	CHOLESTEROL	ERBA XL-200	Cholesterol oxidase, esterase, peroxidase
	CREATININE	ERBA XL-200	Alkaline picrate method
	DIRECT BILIRUBIN	ERBA XL-200	Diazotization
	GAMMA-GLUTAMYL TRANSFERASE(GGT)	ERBA XL-200	G-glutamyl-carboxy-nitroanilide
	GLUCOSE	ERBA XL-200	Glucose oxidase, hydrogen peroxide (Trinder)
	HDL	ERBA XL-200	Direct measure-PEG
	TOTAL BILIRUBIN	ERBA XL-200	Diazonium Ion
	TOTAL PROTEIN	ERBA XL-200	Biuret method
	TRIGLYCERIDE	ERBA XL-200	Enzymatic, end point
	UREA	ERBA XL-200	Urease, UV
	URIC ACID	ERBA XL-200	Uricase, colorimetric
	SODIUM	ERBA LYTE PRO/ AUDICOM AC9900E	ISE INDIRECT
	POTASSIUM	ERBA LYTE PRO/ AUDICOM AC9900E	ISE INDIRECT
CHLORIDE	ERBA LYTE PRO/ AUDICOM AC9900E	ISE INDIRECT	
BICARBONATE	ERBA LYTE PRO/ AUDICOM AC9900E	ISE INDIRECT	
<b>HEAMATOLOGY</b>			
<b>WHOLE BLOOD</b>	HEAMOGLOBIN	SYSMEX XN-350	Colorimetry
	HAEMATOCRIT (HCT)	SYSMEX XN-350	Automated Calculation
	MEAN CELL HEAMOGLOBIN (MCH)	SYSMEX XN-350	Automated Calculation
	MEAN CELL VOLUME (MCV)	SYSMEX XN-350	Electronic Impedance
	MEAN CELL HEAMOGLOBIN CONCENTRATION (MCHC)	SYSMEX XN-350	Automated Calculation

Type of Sample	Types of Tests	Equipment	Method Used
<b>WHOLE BLOOD</b>	Platelets	SYSMEX XN-350	Electronic impedance
	RED BLOOD CELL (RBC)	SYSMEX XN-350	Electronic impedance
	RDW-CV	SYSMEX XN-350	Automated Calculation
	TOTAL WHITE BLOOD CELL COUNT (WBC-T)	SYSMEX XN-350	Flow cytometry
	% NEUTROPHIL	SYSMEX XN-350	Automated Calculation
	% LYMPHOCYTE	SYSMEX XN-350	Automated Calculation
	%EOSINOPHIL	SYSMEX XN-350	Automated Calculation
	% BASOPHIL	SYSMEX XN-350	Automated Calculation
	% MONOCYTE	SYSMEX XN-350	Automated Calculation
<b>MICROBIOLOGY</b>			
<b>Urine</b>	Urine: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Stool</b>	Stool: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Sputum</b>	Sputum: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Nose</b>	Nasal Swab: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Throat</b>	Throat Swab: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Ear</b>	Ear Swab: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>HVS</b>	HVS: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>ECS</b>	ECS: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Pus</b>	Pus : MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>Fluid</b>	Fluid: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual

Type of Sample	Types of Tests	Equipment	Method Used
Eye	Eye Swab: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
Semen	Semen: MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
Aspirate	MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
Wound	MICROSCOPY, CULTURE AND SENSITIVITY	Manual and Vitec 2	Automation/Manual
<b>SEROLOGY</b>			
SERUM	HIV 1 AND 2 (Rapid)	Manual	Manual
	HEPATITIS B SURFACE ANTIGEN (HBsAG- Rapid)		Manual
	HEPATITIS C VIRUS (HCV- Rapid)		Manual
	HELICOBACTER PYLORI (H pylori Antibody)		Manual
	HELICOBACTER PYLORI (H pylori Antigen)		Manual
	Syphilis screen		Manual
	Pregnancy test		Manual
<b>ENDOCRINOLOGY</b>			
SERUM	LUTEINIZING HORMONE (LH)	Snibe Maglumi 800	Chemiluminescence
	FOLLICULAR STIMULATING HORMONE(FSH)	Snibe Maglumi 800	Chemiluminescence
	PROLACTIN	Snibe Maglumi 800	Chemiluminescence

Type of Sample	Types of Tests	Equipment	Method Used
SERUM	PROGESTERONE	Snibe Maglumi 800	Chemiluminescence
	TESTOSTERONE-TOTAL	Snibe Maglumi 800	Chemiluminescence
	ESTRADIOL (E2)	Snibe Maglumi 800	Chemiluminescence
	PROSTATE SPECIFIC ANTIGEN -TOTAL (PSA-TOTAL)	Snibe Maglumi 800	Chemiluminescence
	TRIIODOTHYRONINE (T3-TOTAL)	Snibe Maglumi 800	Chemiluminescence
	THYROXINE (T4- TOTAL)	Snibe Maglumi 800	Chemiluminescence
	THYROID-STIMULATING HORMONE (TSH)	Snibe Maglumi 800	Chemiluminescence