

# CERTIFICATE OF ACCREDITATION

## MBEYA ZONAL REFERRAL HOSPITAL LABORATORY - TANZANIA

*Company Registration No. MOHSW Ref: HB 295/446/01*

**Facility Accreditation Number: MED 003**

is a SADCAS accredited Medical Laboratory  
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,  
Annexure "A", bearing the above accreditation number for

**MEDICAL TESTING LABORATORY  
BLOOD BANK, CLINICAL CHEMISTRY, HAEMATOLOGY, IMMUNOPHENOTYPING,  
MICROBIOLOGY, MOLECULAR BIOLOGY, MYCOBACTERIOLOGY,  
PARASITOLOGY AND SEROLOGY**

*The facility is accredited in accordance with the recognized International Standard*

**ISO 15189:2012**

*The accreditation demonstrates technical competency for a defined scope and the operation  
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and  
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States  
as a multi-economy accreditation body*

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**Eve C Gadzikwa**  
**SADCAS Chief Executive Officer**

**Date of Renewal of Accreditation: 26 March 2020**  
**Effective Date (Issue No: 3) 30 November 2023**  
**Certificate Expires: 25 March 2025**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 003 (ISO 15189:2012)**

<p><b>Permanent Address of Laboratory</b> Mbeya Zonal Referral Hospital Laboratory Hospital Hill Sissimba Mbeya Tanzania</p> <p><b>Postal Address</b> P.O Box 419 Mbeya Tanzania</p> <p><b>Tel</b> : +255 252503577 <b>Cell</b> : +255 712166180 <b>Fax</b> : +255 252500057 <b>Email</b> : <a href="mailto:isackelias@gmail.com">isackelias@gmail.com</a></p>		<p><b>Technical Signatories</b> : As Authorized by the Head of Laboratory</p> <p><b>Nominated Representative</b> : Mr Isack Elias Nyangi</p> <p><b>Issue No</b> : 03 <b>Date of Issue</b> : 30 November 2023 <b>Expiry Date</b> : 25 March 2025</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><b>BLOOD BANK</b> Whole Blood/Serum Whole Blood</p> <p><b>CLINICAL CHEMISTRY</b> Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Plasma Serum Serum</p>	<p>ABO Grouping &amp; Rhesus Crossmatch</p> <p>Albumin Amylase ALP ALT AST Calcium Cholesterol Cholesterol (LDL) Chloride Creatinine Total Bilirubin Direct Bilirubin GGT Glucose Potassium Sodium</p>	<p>Manual Method Manual Method</p> <p>Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus Cobas Intergra 400 Plus</p>

## ANNEXURE A

Laboratory Accreditation No: MED 003 (ISO 15189:2012)

Issue No: 03

Date of Issue: 30 November 2023

Date of Expiry: 25 March 2025

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>CLINICAL CHEMISTRY cont'd</u></b>		
Serum	Total Protein	Cobas Intergra 400 Plus
Serum	Triglycerides	Cobas Intergra 400 Plus
Serum	Urea	Cobas Intergra 400 Plus
<b><u>HAEMATOLOGY</u></b>		
Whole Blood	WBC	Sysmex XN 330
Whole Blood	RBC	Sysmex XN 330
Whole Blood	HB	Sysmex XN 330
Whole Blood	HCT	Sysmex XN 330
Whole Blood	MCV	Sysmex XN 330
Whole Blood	MCH	Sysmex XN 330
Whole Blood	MCHC	Sysmex XN 330
Whole Blood	RDW	Sysmex XN 330
Whole Blood	Platelet Count	Sysmex XN 330
Whole Blood	Differential Count	Sysmex XN 330
<b><u>IMMUNOPHENOTYPING</u></b>		
Whole Blood	CD4 Count	BD Facs Presto
Whole Blood	CD4 %	BD Facs Presto
<b><u>MICROBIOLOGY</u></b>		
Isolates, Swabs, CSF	Gram Stain	Manual – Microscopy
<b><u>MOLECULAR BIOLOGY</u></b>		
Dried Blood Spot	Qualitative HIV -EID	CAP/CTM 96
Plasma	HIV Viral Load	Cobas 8800
Plasma	HIV Drug Resistance Test	ABI Genetic Analyser 3500XL
<b><u>MYCOBACTERIOLOGY</u></b>		
Sputum	AFB-Ziehl Neelsen	Manual – Microscopy
Sputum	AFB-Auramine	Manual – Microscopy
Sputum	MTB/RIF	GeneXpert

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>PARASITOLOGY</u></b> Blood	Malaria	Manual - Microscopy
<b><u>SEROLOGY</u></b> Blood CSF, Blood Urine	Rapid HIV Cryptococcal Pregnancy Test	Rapid Test Rapid Test Rapid Test

Original date of accreditation: 14 May 2014

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**Mrs Pinkie J Malebe**  
**SADCAS Technical Manager**