

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 15189:2022

*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*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 07 May 2025
Effective Date (Issue No: 1) 14 May 2025
Certificate Expires: 13 May 2030

ANNEXURE A

Laboratory Accreditation No: MED 003 (ISO 15189:2022)

Issue No: 01

Date of Issue: 14 May 2025

Date of Expiry: 13 May 2030

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>CLINICAL CHEMISTRY cont' d</u>		
Serum	Lactate Dehydrogenase (LDH)	Cobas Intergra 400 Plus
Serum	Total Cholesterol	Cobas Intergra 400 Plus
Serum	Phosphate	Cobas Intergra 400 Plus
Serum	Magnesium	Cobas Intergra 400 Plus
<u>HAEMATOLOGY</u>		
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
<u>IMMUNOPHENOTYPING</u>		
Whole Blood	CD4 Count	BD Facs Presto
Whole Blood	CD4 %	BD Facs Presto
<u>MICROBIOLOGY</u>		
Isolates, Swabs, CSF	Gram Stain	Manual – Microscopy
Urine	Culture/Identification/Sensitivity	Manual Method – Kirby Bauer
Blood	Culture/Identification/Sensitivity	BD Bactec FX 200
<u>MOLECULAR BIOLOGY</u>		
Dried Blood Spot	Qualitative HIV -EID	COBAS 8800
Plasma	HIV Viral Load	COBAS 8800
Plasma	HIV Drug Resistance Test	ABI Genetic Analyser
<u>MYCOBACTERIOLOGY</u>		
Sputum	AFB-Ziehl Neelsen	Manual – Microscopy
Sputum	AFB-Auramine	Manual – Microscopy
Sputum	MTB/RIF	GeneXpert
Sputum	Mycobacterial Culture	Mycobacterial Culture-Solid (Löwenstein–Jensen)
<u>PARASITOLOGY</u>		
Blood	Malaria Blood Smear	Manual – Microscopy

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>SEROLOGY</u> Blood CSF, Blood Urine	Rapid HIV Cryptococcal Meningitis 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