CERTIFICATE OF ACCREDITATION

MUHIMBILI NATIONAL HOSPITAL CENTRAL PATHOLOGY LABORATORY

Registration No: Parliamentary Act 5 of 2000

Facility Accreditation Number: MED 005

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, CYTOLOGY, HAEMATOLOGY, IMMUNOLOGY, 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

Mrs Pinkie J Malebe
Acting SADCAS Chief Executive Officer

Effective Date (Issue No: 2): 06 September 2026
Certificate Expires: 06 February 2030

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: MED 005 (ISO 15189:2022)

Permanent Address of Laboratory
Muhimbili National Hospital Central
Pathology Laboratory
Kalenga Street
Plot 1048/3 Ilaba District
Dar es Salaam
Tanzania

Postal Address
P.O Box 65002
Dar es Salaam
Tanzania

Tel : +255 222151367
Cell : +255 758409988
Fax : +255 222150534
Email : lushina.mayala@yahoo.com

Technical Signatories : As Authorized by the Head of Laboratory

Nominated Representative : Mr Lushina Mayala

Issue No : 02
Date of Issue : 06 September 2026
Expiry Date : 06 February 2030

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
BLOOD BANK		
Whole Blood	ABO Blood grouping	Manual Method
Serum	Compatibility Testing	Manual Method
Plasma/ Serum	Direct Coombs Test	Manual Method
Plasma/Serum	Indirect Coombs Test	Manual Method
CLINICAL CHEMISTRY		
Serum	Albumin	Architect ci4100
Serum	Alanine Aminotransferase (ALT)	Architect ci4100
Serum	Alkaline Phosphatase (ALP)	Architect ci4100
Serum	Aspartate Aminotransferase (AST)	Architect ci4100
Serum	Gamma Glutamyl Transferase (GGT)	Architect ci4100
Serum	Total Protein	Architect ci4100
Serum	Total Bilirubin	Architect ci4100
Serum	Direct Bilirubin	Architect ci4100
Serum	Globulin	Architect ci4100
Serum	Urea	Architect ci4100
Serum	Creatinine	Architect ci4100

ANNEXURE A

Laboratory Accreditation No: MED 005 (ISO 15189:2022)
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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
CLINICAL CHEMISTRY cont'd		
Serum	Potassium	Architect ci4100
Serum	Sodium	Architect ci4100
Serum	Chloride	Architect ci4100
Serum	Calcium	Architect ci4100
Serum	Magnesium	Architect ci4100
Serum	Phosphate	Architect ci4100
Serum	Triglycerides	Architect ci4100
Serum	Cholesterol (Total)	Architect ci4100
Serum	Cholesterol (HDL)	Architect ci4100
Serum	Cholesterol (LDL)	Architect ci4100
Serum	Creatine Kinase	Architect ci4100
Serum	Glucose	Architect ci4100
Serum	Uric Acid	Architect ci4100
Serum	Lactate Dehydrogenase (LDH)	Architect ci4100
Serum	Amylase	Architect ci4100
Serum	Iron	Architect ci4100
Serum	Lipase	Architect ci4100
Serum	Immunoglobulin E	Architect ci4100
Serum	Transferrin	Architect ci4100
Serum	C-Reactive Protein	Architect ci4100
CYTOLOGY		
Body Fluids	Papanicolaou's Staining Technique - Non gynecology	Manual Method
HAEMATOLOGY		
Whole Blood	Full Blood Count (WBC)	Cell Dyn Ruby
Plasma	Erythrocyte Sedimentation Rate (ESR)	Manual Method
Whole Blood	Sickling Test	Manual Method
Whole Blood	Peripheral Blood Smear	Manual Method

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
HAEMATOLOGY cont'd		
Plasma	Prothrombin Time (PT)	ACL Top Family
Plasma	Activated Partial Thromboplastin Time (APTT)	ACL Top Family
Plasma	International Normalized Ratio (INR)	ACL Top Family
IMMUNOLOGY		
Serum	Alpha Feto Protein	Architect c4100
Serum	Vitamin B12	Architect c4100
Serum	CA125	Architect c4100
Serum	Folate	Architect c4100
Serum	Follicle Stimulating Hormone (FSH)	Architect c4100
Serum	Free T4 (FT4)	Architect c4100
Serum	Free T3 (FT3)	Architect c4100
Serum	Luteinizing Hormone (LH)	Architect c4100
Serum	Thyroid Stimulating Hormone (TSH)	Architect c4100
Serum	Prostate Specific Antigen (PSA)	Architect c4100
Serum	Estradiol	Architect c4100
Serum	Progesterone	Architect c4100
Serum	Beta Human Chorionic Gonadotropin (βHCG)	Architect c4100
Serum	Parathyroid Hormones	Architect c4100
Serum	Insulin	Architect c4100
Serum	Testosterone	Architect c4100
Serum	Ferritin	Architect c4100
Serum	Carcinoembryonic Antigen	Architect c4100
MICROBIOLOGY		
Urine	Urine Culture	Manual Method
Blood	Blood Culture	Manual Method
MOLECULAR BIOLOGY		
Whole Blood	HIV-1 RNA	Cobas 4800
Whole Blood	HIV-1 DNA	Cobas 4800
MYCOBACTERIOLOGY		
Sputum	TB Microscopy Detection	Auramine - O - Method
Sputum	MTB/RIF Detection	GeneXpert

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
PARASITOLOGY		
Blood Smear	Blood Parasites Examination	Giemsa Stain Microscopy
Whole Blood	Malaria Rapid Diagnostic Test (MRDT)	Manual Method
Urine	Urinalysis	Manual Method
Stool	Stool Analysis	Manual Method
Stool	Stool for Occult Blood	Manual Method
Urine	Pregnancy Test	Manual Method
SEROLOGY		
Serum	Cytomegalovirus	Architect i1000
Serum	HIV Ag/Ab Test	Architect i1000
Serum	Hepatitis A Virus	Architect i1000
Serum	Hepatitis B Virus	Architect i1000
Serum	Hepatitis C Virus	Architect i1000
Serum	Hepatitis B Core Antibodies	Architect i1000
Serum	Toxoplasma Antibodies	Architect i1000
Serum	Syphilis Antibodies	Syphilis Antibodies
Stool	Helicobacter pylori	Helicobacter pylori
CSF/Serum	Cryptococcal	Cryptococcal

Eva Muronda
For SADCAS Technical Manager