

CERTIFICATE OF ACCREDITATION

MALAWI LIVERPOOL WELLCOME TRUST CLINICAL RESEARCH PROGRAMME

An affiliate of University of Malawi, College of Medicine

Facility Accreditation Number: MED 061

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
CLINICAL CHEMISTRY, HAEMATOLOGY, 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: 10 February 2026
Effective Date (Issue No: 1): 16 February 2026
Certificate Expires: 15 February 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 061 (ISO 15189:2022)**

<p>Permanent Address of Laboratory Malawi Liverpool Wellcome Trust Clinical Research Programme Queen Elizabeth Central Hospital Chipatala Avenue Chichiri, Blantyre Malawi</p> <p>Postal Address: P.O Box 30096 Blantyre 3 Malawi</p> <p>Tel : +265 187 6444 Cell : +265 888421953 Fax : +265 1875774 Email : jkaphika@mlw.mw</p>	<p>Technical Signatories : As Authorized by the Head of Laboratory</p> <p>Nominated Representative : Mr Joshua Shein Kaphika</p> <p>Issue No : 01 Date of Issue : 16 February 2026 Expiry Date : 15 February 2031</p>	
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><u>CLINICAL CHEMISTRY</u></p> <p>Plasma/Serum Plasma/ Serum Plasma/ Serum Plasma/Serum Plasma/Serum Plasma/Serum Plasma/ Serum Plasma/ Serum Plasma/Serum Plasma/Serum Plasma/Serum Plasma/ Serum Plasma/ Serum CSF CSF</p> <p><u>HAEMATOLOGY</u></p> <p>Whole Blood Whole Blood</p>	<p>Alanine Aminotransferase (ALT) Aspartate Aminotransferase (AST) Bicarbonate (CO₂) Calcium Potassium Sodium Urea Creatinine Chloride Gamma Glutamyl Transferase (GGT) Glucose Total Bilirubin Direct Bilirubin Glucose Protein</p> <p>Full Blood Count (FBC) WBC Differential</p>	<p>AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480 AU 480</p> <p>Beckman Coulter DXH 560 series Beckman Coulter DXH 560 series</p>

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>MICROBIOLOGY</u>		
CSF	Wet preparation and Cell Count <ul style="list-style-type: none"> • Grain Stain • India Ink • Wright's Stain • Crag Lateral Flow 	Manual Method
CSF Blood Blood culture, CSF	Culture Blood Culture Agglutination testing <ul style="list-style-type: none"> • Salmonella • Shigella • Haemophilus • Neisseria 	Manual Method Manual Method Manual Method
Blood Culture, CSF	Agglutination testing <ul style="list-style-type: none"> • Optochin • Streptococcal grouping • Urease • X and V 	Manual Method
Blood Culture, CSF	API Identification <ul style="list-style-type: none"> • 20E • 20 NE • NH Bile Solubility Carbohydrate Utilization Catalase Coagulase (Slide and Tube) DNase Triple Sugar Iron Crag Lateral Flow	Manual Method
Blood Culture, CSF	Sensitives EUCAST E- test ESBL Beta – Lactamase	Manual Method

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><u>MOLECULAR BIOLOGY</u></p> <p>Plasma Nasopharyngeal Swab</p>	<p>HIV RNA Quantification SARS</p>	<p>GeneXpert AB7500</p>
<p><u>MYCOBACTERIOLOGY</u></p> <p>Sputum Sputum Sputum Sputum Sputum</p>	<p>TB Microscopy TB Microscopy TB Culture MTB /RIF MPT64 Antigen</p>	<p>Auramine O Fluorescent Stain Ziehl Neelsen Stain BACTEC MGIT 960 GeneXpert Immunochromatography</p>
<p><u>PARASITOLOGY</u></p> <p>Whole Blood</p>	<p>Malaria Microscopy</p>	<p>Field Stain</p>
<p><u>SEROLOGY</u></p> <p>Whole Blood/ Serum/ Plasma</p>	<p>HIV 1/2</p>	<p>Manual - Rapid</p>

Original date of accreditation: 16 February 2021

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Mrs Pinkie J Malebe
SADCAS Technical Manager