

CERTIFICATE OF ACCREDITATION

CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA CENTRAL LABORATORY

Registration No./Identify No: HPCZ/101/3/0356

Facility Accreditation Number: MED 024

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 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: 13 September 2023
Effective Date (Issue No: 2): 25 October 2024
Certificate Expires: 04 July 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 024 (ISO 15189:2022)**

| <p><u>Permanent Address of Laboratory</u> Centre for Infectious Disease Research in Zambia Central Laboratory Plot No: 23, Corner of Alick Nkhata and Condor Roads, Kalingalinga Clinic Grounds, Lusaka Zambia</p> <p><u>Postal Address:</u> P.O Box 34681 Lusaka Zambia</p> <p><u>Tel</u> : <u>Cell</u> : +260 950280227 <u>Email</u> : mathews.siulapwa@cidrz.org</p> | | <p><u>Technical Signatories</u> : As Authorized by the Head of Laboratory</p> <p><u>Nominated Representative</u> : Mr Mathews Chola Siulapwa</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 25 October 2024 <u>Expiry Date</u> : 04 July 2028</p> | |
|--|--|--|--|
| DISCIPLINE/SAMPLE TYPE | TYPES OF TESTS | EQUIPMENT/METHOD | |
| <p><u>CLINICAL CHEMISTRY</u></p> <p>Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum</p> | <p>Aspartate Aminotransferase (AST) Alanine Aminotransferase (ALT) Alkaline Phosphatase (ALP) Calcium Creatinine Glucose Gamma Glutamyl Transferase (GGT) High Density Lipoprotein (HDL) Direct Bilirubin Total Bilirubin Total Cholesterol Triglycerides Urea</p> | <p>Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480 Beckman Coulter AU480</p> | |
| <p><u>HAEMATOLOGY</u></p> <p>Whole Blood Whole Blood Whole Blood Whole Blood</p> | <p>Full Blood Count Differential Count CD4 CD4 %</p> | <p>Sysmex XN 1000 Sysmex XN 1000 Beckman Coulter Aquios Beckman Coulter Aquios</p> | |

| DISCIPLINE/SAMPLE TYPE | TYPES OF TESTS | EQUIPMENT/METHOD |
|---------------------------------|--|---|
| <u>MICROBIOLOGY</u> | | |
| Sputum | MTB Direct Smears - ZN Culture Mycobacterium Tuberculosis (MTB) Rifampicin (RIF) | Manual -Light Microscopy BACTEC MGIT 960 – LJ & MGIT Gene Xpert |
| Urine | <i>Chlamydia trachomatis</i> / <i>Neisseria gonorrhoeae</i> (CT/NG) Urinalysis Human Chorionic Gonadotropin (hCG) | Gene Xpert Siemens – Clinitek Siemens – Clinitek |
| TB Positive Culture | BD Mycobacteria Growth Indicator Tube (MGIT) TBc ID Test | BDMGIT TBcID Kit (Manual) |
| <u>MOLECULAR BIOLOGY</u> | | |
| Plasma | HIV 1 RNA PCR | Hologic Panther |
| Dried Blood Spot | HIV 1 DNA PCR | GeneXpert |
| <u>SEROLOGY</u> | | |
| Serum | HBs Ag | Immunochemistry Access II Beckman Coulter |
| Serum | Hepatitis A Virus (HAV) | Immunochemistry Access II Beckman Coulter |
| Serum | Hepatitis C Virus (HCV) | Immunochemistry Access II Beckman Coulter |
| Serum | Hepatitis C Antibody (HBcAb) | Immunochemistry Access II Beckman Coulter |
| Serum | Hepatitis B Surface Antibody (HBs Ab) | Immunochemistry Access II Beckman Coulter |
| Serum | Rapid Plasma Reagin (RPR) | Manual Method |