KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

P. O. Box 47400 – 00100 | TEL. +254 - 20 484 0000 | Nairobi, Kenya

Email: info@kenas.go.ke | Web: www.kenas.go.ke

# SCHEDULE OF ACCREDITATION

# BUGANDO MEDICAL CENTRE LABORATORY

## ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/88**

**PERMANENT ADDRESS OF LABORATORY**

BUGANDO MEDICAL CENTRE
Wuzburg Road
P.O Box 1370
Mwanza, Tanzania
Telephone +255 028 2500 513
Email: hospbugando@gmail.com
Website: www.bugandomedicalcentre.or.tz

**Laboratory Director:**

Dr. Cosmos Mbulwa

**Nominated Representative:**

Esther Reuben

Approved by: _____

KENAS CEO/ Authorized Representative

Date: 04-DEC-2025

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| No. | Medical Field | Examination Technique | Equipment | Specimen | Components/ Analytes | Location |
|---|---|---|---|---|---|---|
| 1. | Haematology | Electrical Impedance | Dimind DH76 Analyzer | Whole Blood Serum | Haemoglobin (HB)<br>Haematocrit (HCT)<br>Red Blood Cells (RBC)<br>White Blood Cells (WBC)<br>○ Lymphocytes<br>○ Eosinophils<br>○ Basophils<br>○ Neutrophils<br>Mean Corpuscular Volume (MCV)<br>Platelets (PLT) | Main Laboratory |
| | | Sodium Metabisulphate | Manual | | Sickle cells (Sickling Test) | |
| 2. | Clinical chemistry | Ion selective electrode (ISE),<br><br>Absorbance Photometry,<br><br>Florescence Polarimetry | Roche Cobas Integra 400 Plus | Serum | Alkaline Phosphatase (ALP)<br>Alanine Aminotransferase (ALT)<br>Aspartate Aminotransferase (AST)<br>Albumin<br>Amylase<br>Calcium<br>Creatinine<br>Creatine Kinase (CK)<br>Chloride<br>Glucose<br>Direct Bilirubin<br>Gamma-Glutamyl Transferase (GGT)<br>High-Density Lipoprotein (HDL)<br>Low-Density Lipoprotein (LDL)<br>Magnesium<br>Phosphorus<br>Sodium<br>Potassium<br>Total Bilirubin<br>Urea<br>Uric acid | Main Laboratory |
| 3. | Microbiology – Mycobacteriology (Molecular biology) | Polymerase Chain Reaction (PCR) | Gene Xpert | Sputum | Mycobacterium tuberculosis, Rifabicin drug Resistance/Sensitivity | Main Laboratory |
| 4. | Microbiology – Mycobacteriology | Ziehl- Neelsen Staining | Microscope | | Mycobacterium tuberculosis - Acid Fast Bacilli (AFB) | |
| 5. | Parasitology | Giemsa Staining | Microscope | Whole Blood | Malaria Parasites | |

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|---|---|---|---|---|---|---|
| | | Stool microscopy | Microscope | Stool | Ova and cyst | |
| 6. | Microbiology – Virology (Molecular Biology) | Polymerase Chain Reaction (PCR) | Cobas AmpliPrep 4800 | Whole Blood | HIV -1 RNA (Viral Load) | Main Laboratory |
| | | | | Dried Blood Spots (DBS)/ Whole Blood | HIV- 1 RNA -Viral Load (EID) | |
| 7 | Microbiology (Bacteriology) | Identification - Gram stain Culture | Manual | Sputum, Stool, Urine, Cerebrospinal Fluid (CSF), Pus Swab, Body Fluids | Various Pathogenic Bacteria | |
| | | Urinalysis | Urine strips | Urine | Red Blood cells<br>White Blood cells<br>Casts and crystals<br>PH<br>Bilirubin<br>Specific gravity<br>Protein<br>Urobilinogen<br>Ketons<br>Nitrite<br>Glucose | |

## Accreditation History

| Type | Decision Date | Effective Date | Expiry |
|---|---|---|---|
| **Initial Accreditation** | 14-MAY-2020 | 14-MAY-2020 | 13-MAY-2024 |
| **Re-accreditation** | 04-DEC-2025 | 04-DEC-2025 | 13-MAY-2028 |

This schedule is issued subject to the terms and conditions of KENAS Accreditation. It supersedes any other schedule(s) issued in the past

Approved by: _____ Date: 04-DEC-2025

KENAS CEO/ Authorized Representative