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SCHEDULE OF ACCREDITATION

BUGANDO MEDICAL CENTRE LABORATORY

ISO 15189:2012

Medical Laboratory Number: KENAS/ML/88  

Date of Accreditation: 14-MAY-2020

PERMANENT ADDRESS OF LABORATORY  
BUGANDO MEDICAL CENTRE  
Wuzburg Road  
P.O BOX 1370  
Mwanza, Tanzania  
Tel: +255 028 2500 513  
Website: www.bugandomedicalcentre.or.tz  
Email: hospbugando@gmail.com

Laboratory Director:  
Dr. Kahima Jackson

Nominated Representative:  
John G. Daffi

Date of Expiry: 13-MAY-2024

Approved by: ___________________________  Date: 14-MAY-2020  
KENAS CEO/Authorized Representative
<table>
<thead>
<tr>
<th>No.</th>
<th>Medical Field</th>
<th>Examination Technique</th>
<th>Equipment</th>
<th>Specimen</th>
<th>Components / Analytes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Haematology</td>
<td>Electrical Impedance</td>
<td>Dimind DH76 Analyzer</td>
<td>Whole Blood</td>
<td>HB, HCT, RBC, WBC (Lymphocytes, Eosinophils, Basophils, Neutrophils, MCV, PLT)</td>
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<tr>
<td></td>
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<td>Sickle cells (Sickling Test)</td>
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<tr>
<td>2</td>
<td>Biochemistry</td>
<td>Ion selective electrode (ISE), Absorbance, Fluorometry, Fluorescence, Polarimetry</td>
<td>Roche Cobas Integra 400 Plus</td>
<td>Serum</td>
<td>ALP, ALT, AST, GGT, HDL, LDL, CK, Amylase, Total Bilirubin, Direct Bilirubin, Urea, Creatinine, Glucose, Uric acid, Albumin, Calcium, Magnesium, Phosphorus, Sodium, Potassium, Chloride</td>
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<tr>
<td>3</td>
<td>Microbiology – Mycobacteriology (Molecular biology)</td>
<td>Polymerase Chain Reaction (PCR)</td>
<td>Gene Xpert</td>
<td>Sputum</td>
<td>Mycobacterium tuberculosis, Rifabcin drug Resistance/Sensitivity</td>
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<tr>
<td>4</td>
<td>Microbiology – Mycobacteriology</td>
<td>Ziehl-Neelsen Staining</td>
<td>Microscope</td>
<td>Whole Blood</td>
<td>Mycobacterium tuberculosis - Acid Fast Bacilli (AFB)</td>
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<td>5</td>
<td>Parasitology</td>
<td>Giemsa Staining</td>
<td>Microscope</td>
<td>Urinalysis</td>
<td>Malaria Parasites</td>
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<td>Urine strips</td>
<td>RBC</td>
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<td>Test</td>
<td>6. Microbiology – Virology (Molecular Biology)</td>
<td>7. Microbiology (Bacteriology)</td>
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<td>Stool microscopy</td>
<td>Microscope Cobas AmpliPrep 4800</td>
<td>Identification - Gram stain Culture Manual</td>
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<td></td>
<td>Stool Whole Blood</td>
<td>Sputum Stool Urine CSF Pus Swab Body Fluids</td>
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<td>Various Pathogenic Bacteria</td>
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<tr>
<td></td>
<td>Ova and cyst</td>
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</tbody>
</table>

**WBC**
- Casts and crystals
- PH
- Bilirubin
- Specific gravity
- Protein
- Urobilinogen
- Ketons
- Nitrite
- Glucose

**HIV -1 RNA (Viral Load)**
- Dried Blood Spots (DBS)

**HIV- 1 RNA -Viral Load (EID)**
- Whole Blood

Original Date of Accreditation: **14-MAY-2020**

This schedule is issued subject to the terms and conditions of KENAS Accreditation.

Approved by: ___________________________ Date: **14-MAY-2020**

KENAS CEO/Authorized Representative