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

## MBAGATHI HOSPITAL LABORATORY

### ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/151**

**PERMANENT ADDRESS OF LABORATORY**

Mbagathi County Hospital

Mbagathi Road, Off Mbagathi Way

P.O. BOX 20725-00200

Nairobi, Kenya

Tel: +254 721863271, 020-2724712

Email: mbagathihosp@gmail.com

Website: www.mbagathihospital.or.ke

**Laboratory Director:**

Dr Alexander Irungu

**Nominated Representative:**

Sevelyne Njeri

Approved by: _____ Date: 14-FEB-2025

KENAS CEO/ Authorized Representative

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## SCHEDULE OF ACCREDITATION

| No | Medical Field | Examination Technique | Equipment | Specimen | Components / Analytes | Test Location |
|---|---|---|---|---|---|---|
| 1 | Haematology | Electrical Impendence and Flow cytometry | URIT 5380 & CELLTAC G | Whole Blood (EDTA) | Red Blood Cells (RBC)<br>Hematocrit (HCT)<br>Hemoglobin (HB)<br>Platelets (PLT)<br>White Blood Cells (WBC)<br>-Neutrophils<br>-Lymphocytes<br>-Monocytes<br>-Eosinophils<br>-Basophils<br>Mean Corpuscular Hemoglobin Concentration (MCHC)<br>Mean Corpuscular Volume (MCV)<br>Mean Corpuscular Hemoglobin (MCH) | Mbagathi Hospital Laboratory - Main Lab |
| 2 | Clinical Chemistry | Spectrometry and ion selective electrode Indirect | BIOBASE BK400 | Serum | Alanine aminotransferase (ALT)<br>Aspartate aminotransferase (AST)<br>Alkaline Phosphatase (ALP)<br>Albumin<br>Bilirubin Direct<br>Bilirubin Total<br>Calcium<br>Gamma-glutamyl transferase (GGT)<br>Cholesterol Total<br>High-Density Lipoprotein (HDL) Cholesterol<br>Total Protein<br>Triglycerides<br>Uric Acid<br>Magnesium<br>Phosphorus<br>Potassium<br>Sodium<br>Chloride | |
| 3 | Parasitology | Giemsa Stain | Microscope | Thin and thick smears | Malaria parasites | Mbagathi Hospital Laboratory - Main Lab |
| 4 | Serology/ immunology | Immunochromatography | Rapid Diagnostic Kits | Whole Blood<br>Serum/ Plasma | HIV-1/HIV-2 antibodies | |
| 5 | Microbiology (Bacteriology) | Gram stain | Microscope | Whole Blood/ | Gram Positive/ Negative Bacteria | Mbagathi Hospital |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | Stool<br>Urine<br>Exudates<br>Bacteria culture isolates | | Laboratory - Main Lab |
| | | Culture | Bact-ALERT & Manual | Blood | Various Pathogenic bacteria isolates | |
| | | | Manual | Stool<br>Urine<br>Exudates | | |
| | | Identification of & Antimicrobial Susceptibility Testing (AST) | VITEK-2 | bacterial Isolates | Antibiogram profile | |
| | Microbiology (Mycobacteriology) | Auramine Stain | Fluorescent microscope | Sputum | Mycobacterium tuberculosis | |
| | | Polymerase Chain Reaction | Gene Xpert | | Mycobacterium *tuberculosis* Rifabicin drug Resistance/Sensitivity | |
| 6 | Microbiology (Molecular biology) | Real-Time Polymerase Chain Reaction (RT-PCR) | Quant Studio 5 PCR detection system | Nasopharyngeal and Oropharyngeal swabs | Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) | |

## Accreditation History

| Type | Decision Date | Effective Date | Expiry |
|---|---|---|---|
| Initial Accreditation | 15-SEP-2022 | 15-SEP-2022 | 14-SEP-2026 |

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: 14-FEB-2025

KENAS CEO/ Authorized Representative