KENAS Delivering Trust | KENYA ACCREDITATION SERVICE

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

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SCHEDULE OF ACCREDITATION

MEDICAL RESEARCH COUNCIL UNIT THE GAMBIA AT THE LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE (MRCG AT LSHTM)

ISO 15189:2022

Medical Laboratory Number: **KENAS/ML/30**

PERMANENT ADDRESS OF LABORATORY

MRCG AT LSHTM

Atlantic Boulevard, Fajara,

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Laboratory Director:

Dr. Ousman Secka

Nominated Representative:

Bensouda Louise N

Approved by: _____

KENAS CEO/ Authorized Representative

Date: 08-MAY-2025

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SCHEDULE OF ACCREDITATION

No	Medical Field	Examination Technique	Equipment	Specimen	Components / Analytes	Test Location
1	Haematology	Hydrodynamically focussed DC, Flow cytometry and SLS-hemoglobin methods	Sysmex XN 1500 & Cell Dyn Emerald	Whole Blood	White Blood Cells (WBC) Red Blood Cells (RBC) Haemoglobin (HB) Mean Corpuscular Haemoglobin (MCH) Mean Corpuscular Haemoglobin Concentration (MCHC) Mean Corpuscular Volume (MCV) Platelets (PLT) • Neutrophils • Lymphocytes • Monocytes • Eosinophils • Basophils • Reticulocyte count	MRCG at LSHTM Banjul Gambia
		Cell Agglutination	Manual		ABO Blood Grouping Rhesus D Blood Grouping	
		Microscopic examination of Peripheral Blood Film	Microscope		Blood cells morphology and staining characteristics	
2	Clinical chemistry	Spectrophotometry & Ion Selective Electrode (ISE)	Architect c4000	Serum	Urea Creatinine Aspartate Aminotransferase (AST) Alanine Aminotransferase (ALT) Gamma-glutamyl transferase (GGT) Alkaline phosphate Total bilirubin Total protein Albumin Calcium Magnesium Amylase Blood Glucose Uric acid Lactate Dehydrogenase Creatinine Kinase Sodium Potassium Chloride	
3	Microbiology-(Mycobacteriology)	Ziehl Neelsen (ZN) Staining	Microscope	Sputum	Mycobacterium *tuberculosis* (AAFB)	
		Mycobacterium Culture and Sensitivity	BACTEC MGIT 960 BD		Mycobacterium *Tuberculosis* Complex and Antimicrobial drug resistance	

		Mycobacterium Culture and Sensitivity (Lowenstein Jensen)	Manual		Mycobacterium Tuberculosis Complex	
	Mycobacteriology (Molecular biology)	Polymerase Chain Reaction (PCR)	GeneXpert machine (Cepheid)		Mycobacterium *Tuberculosis* complex & Rifampicin Resistance	
4	Microbiology - Bacteriology	Bacterial Culture and Sensitivity	BACT/ALERT 3D by Biomerieux	Blood	Various bacterial Isolates	MRCG at LSHTM Banjul Gambia
		Bacterial Culture	Manual	Cervical swabs, Urethral swabs, Wound swabs Urine, Sputum, Cerebral Spinal Fluid (CSF) Ascitic fluids Blood	Various bacterial Isolates	
		Antimicrobial Sensitivity Testing	Manual	Pathogenic Bacterial Culture	Antibiograms of various pathogenic bacteria	
5	Microbiology-Virology (Molecular biology)	Molecular Detection of the LTR gene Using nested PCR	Bio Rad T100 Qiaxcel advanced	Whole blood and dried blood spots	Pro Viral HIV DNA	
		Real-Time PCR	Bio Rad CFX96 Light Cycler 96 & Qiagen Qia Extractor	Nasopharyngeal swab (NPS)/ Throat Swabs (TS)	SARS-CoV-2 RNA	
			Gene Xpert (Cepheid)			
	Microbiology-Bacteriology (Molecular biology)	Real-Time Polymerase Chain Reaction (RT-PCR)	Quant Studio 7 – Flex System	Cerebrospinal fluid (CSF)	Invasive Bacteria Pathogens (Detection of DNA of: Neisseria meningitis, Haemophilus influenzae, Streptococcus pneumoniae, Streptococcus agalactiae (Group B Streptococcus and RNase P)	
		Serotyping triplex real-time PCR - Indirect method			Detection of DNA specific to 21 pneumococcal capsular serotypes	
		Multiplex conventional/Block Polymerase Chain Reaction (PCR)	Bio Rad T100	CSF (Cerebrospinal Fluid) or bacterial Isolates	DNA specific to: Streptococcus pneumoniae Streptococcus agalactiae serotypes	
		Real-Time PCR	Quant Studio 7 Flex system		Detection of six serogroups of: Neisseria meningitidis Haemophilus influenzae	

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6	Parasitology	Microscopic examination of stained blood smears	Microscope	Whole blood	Malaria parasites identification and quantification	MRCG at LSHTM Banjul Gambia
7	Immunology (Serology)	Enzyme Linked Immunosorbent Assay (ELISA)	Microplate Reader and Washer	Serum/ Plasma	HIV Antigen/antibody	
		Immunochromatography	Manual & Geenius Reader		HCV antibody	
					HIV antibody	
				Plasma	Hepatitis B Surface Antigen	
		Slide Agglutination		Serum	Rapid Plasma Reagin (Syphilis)	
		Haemagglutination			Treponema pallidum Antibodies	

Accreditation History

Type	Decision Date	Effective Date	Expiry
Initial Accreditation	10-JUL-2015	10-JUL-2015	09-JUL-2018
1st Reaccreditation	10-JUL-2018	10-JUL-2018	09-JUL-2022
2nd Reaccreditation	11-AUG-2022	11-AUG-2022	09-JUL-2026
Extension of scope	22-FEB-2024	22-FEB-2024	09-JUL-2026
Transition to ISO 15189:2022	08-MAY-2025	08-MAY-2025	09-JUL-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: 08-MAY-2025

KENAS CEO/ Authorized Representative