



## KENYA ACCREDITATION SERVICE

P. O. Box 47400-00100, TEL. +254-787-395679, +254-725-227640 Nairobi, Kenya

Email: [info@kenyaaccreditation.org](mailto:info@kenyaaccreditation.org) Web: [www.kenas.go.ke](http://www.kenas.go.ke)

# SCHEDULE OF ACCREDITATION

KEMRI/CDC

DIAGNOSTICS AND LABORATORY SYSTEMS PROGRAM

ISO 15189:2012

Medical Laboratory Number: KENAS/ML/26

Date of Accreditation: 18-Jun-2018

### PERMANENT ADDRESS OF THE MEDICAL LABORATORY

#### NAIROBI HQ

KEMRI Headquarters  
Mbagathi Road, Off Mbagathi Way,  
P.O. Box 606-00621 Village Market,  
Nairobi, Kenya  
Tel: +254-20-2867000

#### KIBERA SITE

Kibera Drive  
Next to Olympic Primary School  
P.O. Box 606-00621  
Nairobi, Kenya  
Tel: +254-20-2867000 EXT 286

#### KISUMU SITE

Kisian, Off Kisumu-Busia Highway  
Opposite Kisian Primary School  
P.O. BOX 1578-40100  
Kisumu, Kenya  
Tel: +254-057-2022929/902

Fax: +254 2 2714 745

Email: [xwl2@cdc.gov](mailto:xwl2@cdc.gov)

#### Laboratory Director

Dr. Elizabeth Hunsperger

#### Technical Signatories

1. Dr. Elizabeth Hunsperger
2. Dr. Bonventure Juma
3. Dr. Clayton Onyango
4. Benjamin Ochieng'
5. Victor Omballa
6. Newton Wamola
7. Dennis Odhiambo
8. Stella Gikunju
9. Patrick Emojong
10. Jane Juma
11. Klkwai Kipkorir
12. Caroline Ochieng'
13. Lydia Mwasi
14. Evans Apondi

Date of Expiry: 17-Jun-2022

Approved by: \_\_\_\_\_

*Martin Chesire*  
KENAS CEO/Authorized Representative

Date: 18-Jun-2018



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### SCHEDULE OF ACCREDITATION

No.	Medical Field	Examination Technique	Equipment	Specimen	Components / Analytes	Reference to Standardized Procedure	Measurement Ranges	Test Location
01	Molecular Biology	Real Time RT- PCR for respiratory viruses detection	King Fisher & MagNaPure automated extraction machines; 7500 Fast RT-PCR Machines	Respiratory Secretions	Respiratory Syncytial Virus, Human MetaPneumovirus, Parainfluenza viruses	US Patent 4,463,202 CLSI MMO3-ED3	Qualitative	Nairobi HQ & Kisumu
		Real Time RT- PCR for influenza subtyping			Influenza A & B			
		Real Time RT-PCR for zoonotic and /or outbreak virus detection	7500 Fast RT-PCR Machines for nucleic acid amplification and detection	Blood, Serum	Viral DNA, RNA	US Patent 4,463,202 CLSI MMO3-ED3	Qualitative	Nairobi HQ & Kisumu
				Respiratory Secretions	Zika Virus			
		TaqMan Array Card- Real Time RT-PCR for four syndromic pathogens (respiratory, encephalitis, enterics and acute febrile illness)	VIIA™7 real Time RT-PCR	Respiratory Secretions, Blood, Serum	Respiratory pathogens including Coronavirus, Rhinovirus, Staphylococcus aureus.  Encephalitis pathogens including Nipah virus, Enterovirus, Measles, Mumps.  Enteric pathogens including Rotavirus, Norovirus, Sapovirus, H. Pylori, Giardia  Arboviruses including Dengue virus, Yellow Fever virus, Salmonella, Bartonella	US Patent 4,463,202 CLSI MMO3-ED3	Qualitative	Nairobi HQ & Kisumu
		Multiplex PCR: Respiratory Virus	Thermal Cycler, Gel Doc System	Respiratory Secretions	Pneumococcal isolates	US Patent 4,463,202 CLSI MMO3-ED3	Qualitative	Kisumu
		Conventional PCR: Respiratory Virus	Thermal Cycler, Gel Doc System	Respiratory Secretions	Pneumococcal isolates	US Patent 4,463,202 CLSI MMO3-ED3	Qualitative	Kisumu
		Enzyme-Linked Immunosorbent Assays	ELISA Washer and ELISA Reader	Serum	Yellow Fever, Marburg, Lassa, Chikungunya, Hepatitis E, Brucella, Rickettsia, Leptospira, Rift Valley Fever (RVF), Dengue, Crimean Congo Hemorrhagic Fever (CCHF) virus, Rotavirus	CLSI/LA 23-A	Qualitative	Nairobi HQ
02	Virology	Influenza virus isolation and detection technique (Tissue culture)	UV microscope Incubator Light microscope	Respiratory Secretions	Influenza virus	CLSI M41-A	Qualitative	Nairobi HQ
		Plaque Neutralisation Assay (PRNT)			Zika Virus, Dengue Virus			



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No.	Medical Field	Examination Technique	Equipment	Specimen	Components / Analytes	Reference to Standardized Procedure	Measurement Ranges	Test Location
03	Bacteriology	Blood Culture (Identification of bacterial isolates)	Bactec 9050	Blood, CSF	Acinetobacter Spp., Enterobacter Spp., Klebsiella Spp., Moraxella Spp., Enterococcus Spp., Haemophilus Spp., Escherichia Spp., Brucella Spp Pantoea Spp., Pasteurella Spp., Pseudomonas Spp., Serratia Spp., Sphingomonas Spp., Staphylococcus Spp., Strenotrophomonas Spp.	Balows, A. et al. Manual of Clinical Microbiology. 6th ed BACTEC 9050 System User's Manual. Document Number MA-0103. BD Biosciences. CLSI M47-A	Qualitative	Nairobi HQ, Kibera & Kisumu
03	Bacteriology	Isolation of aerobic, anaerobic and micro-aerophilic, pathogenic bacteria -manual primary culture	Agar plates, Incubators	Stool, Rectal Swabs, Body Fluids/Swabbs	Salmonella Spp., Shigella Spp., E. Coli, Vibrio Cholera, Campylobacter Spp., Streptococcus Spp. , Aeromonas Spp.	Balows, A. et al. Manual of Clinical Microbiology. 6th ed. MACTEC 9050 System User's Manual. Document Number MA0103.BD Biosciences	Qualitative	Nairobi HQ
		Antimicrobial sensitivity	Antimicrobial discs, agar plates (manual method)	Bacterial cultures isolates	Bacteria Isolates	CLSI MO2-A12		
		API	Vitek					
		Gram stain – microscopy	Microscope					
		Serology	Antigen / Antibody Kit					

**Original Date of Accreditation: 18-Jun-2018**

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

Approved by:  Date: 18-Jun-2018  
KENAS CEO/Authorized Representative

