KENYA ACCREDITATION SERVICE
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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

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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. Kikwai Kipkorir
12. Caroline Ochieng’
13. Lydia Mwasi
14. Evans Apondi

Date of Expiry: 17-Jun-2022

Approved by: [Signature]  Date: 18-Jun-2018
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>
<th>Reference to Standardized Procedure</th>
<th>Measurement Ranges</th>
<th>Test Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Molecular Biology</td>
<td>Real Time RT-PCR for respiratory viruses detection</td>
<td>King Fisher &amp; MagNaPure automated extraction machines; 7500 Fast RT-PCR Machines</td>
<td>Respiratory Secretions</td>
<td>Respiratory Syncytial Virus, Human Metapneumovirus, Parainfluenza viruses</td>
<td>US Patent 4,463,202 CLSI MMO3-ED3</td>
<td>Qualitative</td>
<td>Nairobi HQ &amp; Kisumu</td>
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<tr>
<td></td>
<td></td>
<td>Real Time RT-PCR for influenza subtyping</td>
<td>7500 Fast RT-PCR Machines for nucleic acid amplification and detection</td>
<td>Blood, Serum</td>
<td>Influenza A &amp; B</td>
<td>US Patent 4,463,202 CLSI MMO3-ED3</td>
<td>Qualitative</td>
<td>Nairobi HQ &amp; Kisumu</td>
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<td>Real Time RT-PCR for zoonotic and/or outbreak virus detection</td>
<td>TaqMan Array Card - Real Time RT-PCR for four syndromic pathogens (respiratory, encephalitis, enteric and acute febrile illness)</td>
<td>Respiratory Secretions, Blood, Serum</td>
<td>Zika Virus</td>
<td>US Patent 4,463,202 CLSI MMO3-ED3</td>
<td>Qualitative</td>
<td>Nairobi HQ</td>
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<td>Multiplex PCR for Respiratory Viruses</td>
<td>Thermal Cycler, Gel Doc System</td>
<td>Respiratory Secretions</td>
<td>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</td>
<td>US Patent 4,463,202 CLSI MMO3-ED3</td>
<td>Qualitative</td>
<td>Nairobi HQ &amp; Kisumu</td>
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<td>Conventional PCR for Respiratory Viruses</td>
<td>Thermal Cycler, Gel Doc System</td>
<td>Respiratory Secretions</td>
<td>Pneumococcal isolates</td>
<td>US Patent 4,463,202 CLSI MMO3-ED3</td>
<td>Qualitative</td>
<td>Kismu</td>
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<td>Enzyme-Linked Immunoassay Assays</td>
<td>ELISA Washer and ELISA Reader</td>
<td>Serum</td>
<td>Yellow Fever, Marburg, Lassa, Chikungunya, Hepatitis E, Brucella, Rickettsia, Leptospirosis, Rift Valley Fever (RVF), Dengue, Crimean Congo Hemorrhagic Fever (CCHF) virus, Rotavirus</td>
<td>CLSI/IA 23-A</td>
<td>Qualitative</td>
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<td>02</td>
<td>Virology</td>
<td>Influenza virus isolation and detection technique (Tissue culture)</td>
<td>UV microscope</td>
<td>Respiratory Secretions</td>
<td>Influenza virus</td>
<td>CLSI M41-A</td>
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<td>Plaque Neutralisation Assay (PRNT)</td>
<td>Incubator Light microscope</td>
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Page 2 of 3
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</table>

Antimicrobial sensitivity | Antimicrobial discs, agar plates (manual method) | Bacterial cultures isolates | |

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: [Signature] Date: 18-Jun-2018

KENAS CEO/Authorized Representative