

CERTIFICATE OF ACCREDITATION

LANCET LABORATORIES ESWATINI

Company Registration No. 682 OF 2001

Facility Accreditation Number: MED 006

is a SADCAS accredited Medical Laboratory
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure "A", bearing the above accreditation number for

MEDICAL TESTING LABORATORY MICROBIOLOGY AND MOLECULAR BIOLOGY

The facility is accredited in accordance with the recognized International Standard

ISO 15189:2012

*The accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Eve C Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 3): 6 March 2023
Certificate Expires: 14 October 2024

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 006 (ISO 15189:2012)**

<p><u>Permanent Address of Laboratory</u> Lancet Laboratories Cooper Centre Sozisa Road Mbabane Eswatini</p> <p><u>Postal Address:</u> P.O Box 8475 Johannesburg South Africa</p> <p><u>Tel</u> : + 268 2404 2368 <u>Cell</u> : + 264 7675 5657 <u>Fax</u> : + 268 2404 5347 <u>Email</u> : shirley.shabangu@lancet.co.za</p>		<p><u>Technical Signatories</u> : As Authorized by the Head of Laboratory</p> <p><u>Nominated Representative</u> : Mrs Shirley Z Shabangu</p> <p><u>Issue No</u> : 03 <u>Date of Issue</u> : 06 March 2023 <u>Expiry Date</u> : 14 October 2024</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><u>MICROBIOLOGY</u></p> <p>Blood Cultures, CSF, ENT</p> <p>Sputum Fluids (Ascetic, Gastric Aspirate, Joint, Peritoneal Pleural) Rectal Swabs, Semen, Sputum Stool, Tissue, Urine</p> <p>Urine</p> <p>Stool</p>	<p>Grain Stain: Bacterial / Fungal-Elements</p> <p>Zeihl Neelsen: TB Identification</p> <p>India Ink: <i>Cryptococcus</i></p> <p>Modified ZN: <i>Cryptosporidium</i></p> <p>Wet Preparation:</p> <ul style="list-style-type: none"> • Cells • Crystals • Parasites • Iodine Wet Preparation Parasites <p>Chemistry analysis: Dipstick</p> <p>Detection of antimicrobial substances</p> <p>Microscopic examination (Cell count)</p> <p>Campylobacter</p> <p>Enterohaemorrhagic <i>E. coli</i></p> <p>Enteropathogenic <i>E. coli</i></p> <p>Iodine Wet Preparations</p> <p><i>Vibrio cholerae</i></p>	<p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method - Kit</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method</p> <p>Manual Method - Kit</p> <p>Manual Method</p> <p>Manual Method - Kit</p>

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>MICROBIOLOGY cont'd</u>		
CSF, ENT, Fluids (Ascetic, Gastric Aspirate, Joint, Peritoneal, Pleural), Genital, Pus, Rectal Swabs, Semen, Sputum, Stool, Tissue, Urine Blood Cultures	Aerobic, Anaerobic and Micro – Aerophilic Culture and isolation of pathogenic organisms	Manual Method - Culture On Media
	Aerobic, Anaerobic and Micro – Aerophilic Culture and isolation of pathogenic organisms	Manual Method BACTEC 9050
Blood Cultures CSF, ENT, Fluids 3 (Ascetic, Gastric Aspirate, Joint, Peritoneal, Pleural) Genital, Pus, Rectal Swabs, Semen, Sputum, Stool, Tissue, Urine	Identification tests: - Aesculin Bile API Identification Beta–Lactamase Coagulase DNase Catalase Oxidase Pyruvate Rapid Indole Satellitism CAMP Plate Optochin & Bacitracin Discs Haemaphilus X, V & XV Identification Germ-Tube Test	Manual Method Manual Method - Kit Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method Manual Method
	Latex agglutination of bacteria: <ul style="list-style-type: none"> • S.pneumoniae • N,meningitidis ABCY W135 • H.influenza B • Strep Group B Cryptococcal Antigen Latex Streptococcal grouping: <ul style="list-style-type: none"> • A, B, C, D, F, G 	Manual Method - Kit Manual Method - Kit Manual Method - Kit
Sputum, Stool, Tissue, Urine	Staphylococcal Agglutination Serological Identification of Bacteria: <ul style="list-style-type: none"> • Salmonella species • Shigella species Antibiotic Sensitivity test E Test	Manual Method–Kit Manual Method–Kit Manual Method–Kit Manual Kirby Bauer Manual

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<p><u>MOLECULAR BIOLOGY</u></p> <p>Nasopharyngeal / Oropharyngeal Swab Saliva and Sputum Nasopharyngeal / Oropharyngeal Swab</p>	<p>SARS - CoV - 2 Test / COVID 19 SARS – CoV – 2 Test/ COVID 19 SARS - CoV - 2 Test Antigen Test</p>	<p>Biorad CFX 96 Biorad CFX 96 Rapid Test</p>

Original date of accreditation: 22 August 2014

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Mrs Pinkie J Malebe
SADCAS Technical Manager