

CERTIFICATE OF ACCREDITATION

SEKGOMA MEMORIAL HOSPITAL LABORATORY

Facility Accreditation Number: **MED 010**

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
BLOOD BANK, CLINICAL CHEMISTRY, HAEMATOLOGY, MICROBIOLOGY,
MOLECULAR BIOLOGY AND SEROLOGY**

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

Date of renewal of Accreditation: 06 March 2020
Effective Date (Issue No. 4): 10 October 2023
Certificate Expires: 05 March 2025

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 010 (ISO 15189:2012)**

<p>Permanent Address of Laboratory Sekgoma Memorial Hospital Laboratory Along Serowe/Palapye Main Road Dinokwane Ward Serowe Botswana</p> <p>Postal Address: P.O Box 120 Serowe Botswana</p> <p>Tel : +267 4611000 Cell : +267 77581868 Fax : +267 4600664 Email : candohlebo@gmail.com</p>		<p>Technical Signatories : As Authorized by the Head of Laboratory</p> <p>Nominated Representative : Miss Olebogeng Molemoeng</p> <p>Issue No : 05 Date of Issue : 10 October 2023 Expiry Date : 05 March 2025</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p>BLOOD BANK</p> <p>Whole Blood & Serum Whole Blood</p> <p>CLINICAL CHEMISTRY</p> <p>Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum Plasma Serum Serum Serum Serum Serum</p>	<p>ABO Grouping Rh Grouping</p> <p>Albumin ALP ALT AST CK Total Cholesterol Creatinine Total Bilirubin Direct Bilirubin GGT Glucose LDH Potassium Sodium Total Protein Triglycerides</p>	<p>Manual Method Manual Method</p> <p>Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus Cobas C311/Integra 400 Plus</p>

ANNEXURE A

Laboratory Accreditation No: MED 010 (ISO 15189:2012)

Issue No:05

Date of Issue: 10 October 2023

Date of Expiry: 05 March 2025

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>CLINICAL CHEMISTRY cont'd</u>		
Serum	Urea	Cobas C311/Integra 400 Plus
Serum	Uric Acid	Cobas C311/Integra 400 Plus
Serum	Chloride	Integra 400 Plus
<u>HAEMATOLOGY</u>		
Whole Blood	WBC	Sysmex XN 2000
Whole Blood	RBC	Sysmex XN 2000
Whole Blood	HB	Sysmex XN 2000
Whole Blood	HCT	Sysmex XN 2000
Whole Blood	MCV	Sysmex XN 2000
Whole Blood	MPV	Sysmex XN 2000
Whole Blood	MCH	Sysmex XN 2000
Whole Blood	MCHC	Sysmex XN 2000
Whole Blood	RDW	Sysmex XN 2000
Whole Blood	Platelet Count	Sysmex XN 2000
<u>MICROBIOLOGY</u>		
Urine	Wet preparation: <ul style="list-style-type: none"> Cells, casts, crystals, parasites 	Manual Method
Stool	Wet preparation: <ul style="list-style-type: none"> Cells, parasites 	Manual Method
Stool	Modified Ziehl Neelsen	Manual Method
CSF, Blood Culture, Pus swabs	Gram Stain	Manual Method
CSF, Sputum	Fluorescence Microscopy	Manual Method
CSF	Wet preparation: <ul style="list-style-type: none"> RBC & WBC count, India Ink 	Manual Method
Urine, Stool, Blood Culture, Pus Swabs, HVS, Throat swab, Sputum	Culture on Selective and General Medium	Manual Method
	Antimicrobial Sensitivity Testing	Manual Method- Kirby Bauer
	Bacterial Identification Techniques	Manual Method
	Biochemical tests: Serotyping	
	<ul style="list-style-type: none"> Salmonella Shigella <i>E. Coli</i> 	Manual Method
		Manual Method
		Manual Method

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DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>MOLECULAR BIOLOGY</u>		
Plasma	HIV 1 RNA PCR Viral Load	Cobas Ampliprep/Taqman 96
Plasma	HIV 1 RNA PCR Viral Load	Hologic Panther
Dried Blood Spot	EID HIV – 1 DNA PCR	Cobas Ampliprep/Taqman 96
<u>SEROLOGY</u>		
Serum/Plasma	Rapid HIV 1/2	Manual Method
	RPR	Manual Method
Urine	Rapid Pregnancy Test	Manual Method

Original date of accreditation: 19 May 2015

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Mrs Pinkie J Malebe
SADCAS Technical Manager