

# CERTIFICATE OF ACCREDITATION

## OPTIMUM HEALTH MEDICAL LABORATORY - BOTSWANA

*Company Registration BW00000532993*

**Facility Accreditation Number: MED 161**

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, IMMUNOLOGY, SEROLOGY AND  
MICROBIOLOGY**

*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*

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**Eve C Gadzikwa**  
**SADCAS Chief Executive Officer**

**Effective Date (Issue No:1): 26 February 2024**  
**Certificate Expires: 05 December 2025**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED161(ISO 15189:2012)**

<p><b><u>Permanent Address of Laboratory</u></b> Optimum Health Laboratory Unit 3, Plot 5622 Lejara Road, Broadhurst Gaborone, Botswana</p> <p><b><u>Postal Address</u></b> P.O Box 405360 Gaborone, Botswana</p> <p><b><u>Tel</u></b> : +267 3115478 <b><u>Cell</u></b> : +267 77063333 <b><u>Fax</u></b> : +26 3115479 <b><u>Email</u></b> : <a href="mailto:maatla@optimumhealthlab.co.bw">maatla@optimumhealthlab.co.bw</a></p>		<p><b><u>Technical Signatories</u></b> : As Authorized by the Head of Laboratory</p> <p><b><u>Nominated Representative</u></b> : Ms Maatla Bonolo Nkhwa</p> <p><b><u>Issue No</u></b> : 01 <b><u>Date of Issue</u></b> : 26 February 2024 <b><u>Expiry Date</u></b> : 05 February 2025</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p><b><u>BLOOD BANK</u></b> Whole Blood Whole Blood</p> <p><b><u>CLINICAL CHEMISTRY</u></b> Serum</p>	<p>ABO Blood Grouping Rhesus Typing</p> <p>Albumin Alanine Aminotransferase (ALT) Alkaline Phosphatase Aspartate Aminotransferase (AST) Bilirubin, Total Bilirubin, Direct Cholesterol Chloride CK HDL Cholesterol Creatinine Gamma Glutamyl Transferase Glucose Sodium Potassium Total Protein Triglycerides Urea Uric Acid</p>	<p>Manual Manual</p> <p>Beckman Coulter AU480 Beckman Coulter AU480</p>

## ANNEXURE A

Laboratory Accreditation No: MED 161 (ISO 15189:2012)

Issue No: 1

Date of Issue: 26 February 2024

Date of Expiry: 05 December 2025

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b><u>SEROLOGY</u></b>		
Serum	HIV Screening	Rapid Immunochemistry
Serum	Rapid Plasma Reagin (RPR)	Latex Agglutination
Urine	Beta Human Chorionic Gonadotropin (βHCG)- Qualitative	Manual - Rapid
<b><u>IMMUNOLOGY</u></b>		
Serum	Alpha- Feto-Protein	Beckman Coulter Access
Serum	CA 125	Beckman Coulter Access
Serum	CA 15.3	Beckman Coulter Access
Serum	CA 19.9	Beckman Coulter Access
Serum	Carcinoembryonic Antigen (CEA)	Beckman Coulter Access
Serum	Cortisol	Beckman Coulter Access
Serum	Estradiol (E2)	Beckman Coulter Access
Serum	Follicle Stimulating Hormone (FSH)	Beckman Coulter Access
Serum	Luteinizing Hormone (LH)	Beckman Coulter Access
Serum	Prolactin	Beckman Coulter Access
Serum	Parathyroid Hormone	Beckman Coulter Access
Serum	Progesterone	Beckman Coulter Access
Serum	Prostate Specific Antigen (PSA)	Beckman Coulter Access
Serum	Testosterone	Beckman Coulter Access
Serum	Thyroid Stimulating Hormone (TSH)	Beckman Coulter Access
Serum	Free T4	Beckman Coulter Access
Serum	Beta Human Chorionic Gonadotropin (βHCG)	Beckman Coulter Access
Serum	Insulin	Beckman Coulter Access
Serum	Vitamin B12	Beckman Coulter Access
<b><u>MICROBIOLOGY</u></b>		
Urine	Wet Preparation	Manual Method
Urine	Cells, Cast, Crystals, Parasites	Manual Method
Urine	Chemistry	Manual Method
High Vaginal Swab/Urine	Gram	Manual Method
High Vaginal Swab /Urine	Culture	Manual Method
High Vaginal Swab /Urine	Antibiotic Sensitivity	Microscan Autoscan

Original date of accreditation: 26 February 2024

Page 2 of 2

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Mrs Pinkie J Malebe  
SADCAS Technical Manager