

CERTIFICATE OF ACCREDITATION

PATHCARE – WINDHOEK MAIN LABORATORY- NAMIBIA

Company Registration No. Co. Reg. No.: 93/302

Practice No.: 0520000006238

Facility Accreditation Number: MED 129

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
CLINICAL CHEMISTRY, CYTOLOGY, ENDOCRINOLOGY, HAEMATOLOGY,
HISTOLOGY, MICROBIOLOGY, MOLECULAR BIOLOGY, MYCOBACTERIOLOGY,
MYCOLOGY, PARASITOLOGY AND SEROLOGY

The facility is accredited in accordance with the recognized International Standard

ISO 15189:2022

*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 Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No:2): 20 February 2025

Certificate Expires: 28 March 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 129 (ISO 15189:2022)**

<p>Permanent Address of Laboratory Dr Shaw Roux and Partners Windhoek Main Laboratory 155 Nelson Mandela Avenue Eros Windhoek, Namibia</p> <p>Postal Address: P.O Box 5355 Ausspannplatz Windhoek Namibia</p> <p>Tel : +2721 5963599 Cell : +2774 5858910 Fax : - Email : stephan.marias@pathcare.net</p>		<p>Technical Signatories : As Authorized by the Head of Laboratory</p> <p>Nominated Representative : Mr Stephan Marais</p> <p>Issue No : 02 Date of Issue : 20 February 2025 Expiry Date : 28 March 2028</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<p>CLINICAL CHEMISTRY</p> <p>Serum Serum Serum Serum Serum Serum Serum, Urine Serum Serum Serum Serum Serum Serum Serum/ Urine Serum Serum Serum Serum Serum Serum Serum Serum Serum</p>	<p>Acetaminophen/Paracetamol Albumin Alkaline Phosphatase (ALP) Alanine Aminotransferase (ALT) Aspartate Aminotransferase (AST) Amikacin Amylase Beta – 2-microglobulin Bicarbonate (CO₂) Bilirubin, Direct Bilirubin, Total Calcium Carbamazepine Chloride Cholesterol (HDL) Cholesterol (LDL) Cholesterol (Total) Complement 3 (C3) Complement 4 (C4) Cortisol Creatinine Creatinine Kinase - Total</p>	<p>Abbott Alinity CI Abbott Alinity CI</p>

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Issue No: 02

Date of Issue: 20 February 2025

Date of Expiry: 28 March 2028

DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<u>CLINICAL CHEMISTRY cont'd</u>		
Serum	Creatinine Kinase MB (CKMB)	Abbott Alinity Ci
Serum	C - Reactive Protein	Abbott Alinity Ci
Serum	C - Reactive Protein – High Sensitive	Abbott Alinity Ci
Serum	Gamma Glutamyl Transferase (GGT)	Abbott Alinity Ci
Serum	Gentamycin	Abbott Alinity Ci
CSF/Plasma/Urine	Glucose	Abbott Alinity Ci
Serum	Haptoglobin	Abbott Alinity Ci
Whole Blood	HBA1C	Abbott Alinity Ci
Serum	Iron	Abbott Alinity Ci
Serum	Lactate Dehydrogenase (LDH)	Abbott Alinity Ci
Serum	Lipase	Abbott Alinity Ci
Serum/Urine	Magnesium	Abbott Alinity Ci
Urine	Microalbumin	Abbott Alinity Ci
Serum/ Urine	Osmolality	Osmometer
Serum / Urine	Phosphate - Inorganic	Abbott Alinity Ci
Serum / Urine	Potassium	Abbott Alinity Ci
CSF / Urine	Protein (Micro)	Abbott Alinity Ci
Serum	Protein, Total	Abbott Alinity Ci
Serum / Urine	Sodium	Abbott Alinity Ci
Serum	Transferrin	Abbott Alinity Ci
Serum	Triglycerides	Abbott Alinity Ci
Serum	Urate	Abbott Alinity Ci
Serum	Urea	Abbott Alinity Ci
<u>CYTOLOGY</u>		
Pleural, NDN, Gynae Fluid, Bronchial Smear, Brushing and Washing, Fine Needle aspiration, Gastric Brushing, Impression Smear, Oesophageal Brushings, Scrapings Cytology, Sputum Cytology, Urine Cytology	Special Stains	Manual Method
Liquid Based Cytology (LBC) Specimens	Papaniculou Stains	LBC Method
Conventional Gynaecological	Papaniculou Stains	Conventional Method

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<u>ENDOCRINOLOGY</u>		
Serum	Alpha Fetoprotein (AFP)	Abbott Alinity CI
Serum	Beta Human Chorionic Gonadotrophin (BHCG) Quantitative	Abbott Alinity CI
Serum	CA 19.9	Abbott Alinity CI
Serum	CA 15.3	Abbott Alinity CI
Serum	CA 125	Abbott Alinity CI
Serum	Carcinoembryonic Antigen (CEA)	Abbott Alinity CI
Serum	Digoxin	Abbott Alinity CI
Serum	Ferritin	Abbott Alinity CI
Serum	Folate	Abbott Alinity CI
Serum	Follicle Stimulating Hormone (FSH)	Abbott Alinity CI
Serum	Free Thyroxine (F-T4)	Abbott Alinity CI
Serum	Free Triiodothyronine (F-T3)	Abbott Alinity CI
Serum	Luteinising Hormone (LH)	Abbott Alinity CI
Serum	Oestradiol (E2)	Abbott Alinity CI
Serum	Phenytoin	Abbott Alinity CI
Serum	Pro Brain Natriuretic Peptide (proBNP)	Abbott Alinity CI
Serum	Procalcitonin (PCT)	Abbott Alinity CI
Serum	Progesterone	Abbott Alinity CI
Serum	Prolactin	Abbott Alinity CI
Serum	Prostate Specific Antigen (PSA) Free	Abbott Alinity CI
Serum	Prostate Specific Antigen (PSA) Total	Abbott Alinity CI
Serum	Theophylline	Abbott Alinity CI
Serum	Thyroid Stimulating Hormone (TSH)	Abbott Alinity CI
Heparinised Whole Blood	Troponin - T	Cardiac Reader H232
Serum	Troponin – I	Abbott Alinity CI
Serum	Valproic Acid	Abbott Alinity CI
Serum	Vancomycin	Abbott Alinity CI
Serum	Vitamin B12	Abbott Alinity CI
Serum	Vitamin D (25 OH)	Abbott Alinity CI
<u>HAEMATOLOGY</u>		
Plasma	Activated Partial Thromboplastin Time (APTT)	Siemens CA660
Whole Blood	Blood Grouping [ABO and Rh(D)]	Manual Method
Whole Blood	CD4	Aquios
Whole Blood	Coombs (Direct /Indirect)	Manual Method
Plasma	D- Dimer (Fibrin Degradation Product)	Mini Vidas
Whole Blood	Differential Count	Manual Method

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<u>HAEMATOLOGY cont'd</u>		
Plasma	Fibrinogen	Siemens CA660
Whole Blood	Full Blood Count and Differential Count	Sysmex XN 10
Plasma	International Normalised Ratio (INR)	Siemens CA660
Whole Blood	Malaria Smears	Manual Method
Plasma	Prothrombin Time (PT)	Siemens CA660
Whole Blood	Sickle Cell Screen	Manual Method
<u>HISTOLOGY</u>		
All Biological specimens	Decalcification, Frozen Sections, Special Stains, H&E Stain	Manual Method
All Biological Specimens	Immunohistochemistry (IHC)	Ventana Method
<u>MICROBIOLOGY</u>		
CSF	Macroscopy	Manual Method
	Cryptococcal Antigen	Manual Method
	Gram Stain	Manual Method
	Culture and isolation of pathogenic organisms	Manual Method / Vitek
	Antimicrobial Sensitivity	Manual Method
Urine	Microscopy	Manual Method
	Culture and isolation of pathogenic organisms	Manual Method / Vitek
	Antimicrobial Sensitivity	Manual Method
Swabs (Ear, Nose, Throat, Genital)	Gram	Manual Method
	Culture and isolation of pathogenic organisms, Aerobic	Manual Method / Vitek
	Antimicrobial Sensitivity	Manual Method
Fluids (Vitreous, Ascites, Pleural, Peritoneal dialysis fluid, Pericardial, Synovial, Peritoneal)	Macroscopy	Manual Method
	Gram Stain	Manual Method
	Culture and isolation of pathogenic organisms, Aerobic	Manual Method / Vitek
	Antimicrobial sensitivity	Manual Method
Pus/Wound/Abscess/Soft Tissue/ Sputum/ Aspirates (Bartholin Cyst), Tips	Gram Stain	Manual Method
	Culture and isolation of pathogenic organisms, Aerobic	Manual Method / Vitek

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<u>MICROBIOLOGY cont'd</u>		
Stool	Macroscopy Culture and Isolation of Pathogenic organisms, Aerobic, excluding Campylobacter species, Yersinia Species and Vibrio Species and Enteropathogenic <i>Escherichia coli</i> , Aerobic	Manual Method / Vitek
Blood Culture	Culture and Isolation of Pathogenic Organisms, Aerobic	BactAlert / Vitek
<u>MOLECULAR BIOLOGY</u>		
Stool	Gastrointestinal Panel	Biofire
Plasma / Serum	Hepatitis B Viral Load	Alinity M
Plasma	HIV -1 Viral Load (Quantitative)	Alinity M
Whole blood	HIV-1 (Qualitative)	GXP
LBC Samples	HPV	Alinity M
Urine/Dry swab	STI screen	Alinity M
Respiratory	SARS-Cov-2	Alinity M /GXP
Respiratory	Biofire Respiratory panel	Biofire Film Array
Respiratory	TB	GPX
CSF	Meningitis Panel	Biofire Film Array
Stool	C. difficile	GPX
Respiratory	4-PLEX	GXP & Alinity-M
<u>MYCOBACTERIOLOGY</u>		
CSF, Urine, Stool, Sputum, Swabs Pleural Fluids, Joint aspirates, Abscess, Pus Aspirate, Tissue, Endotracheal Aspirate, Ascitic Fluid, Pericardial Fluid, Peritoneal Fluid, Peritoneal Fluid, Dialysis Fluid, Peritoneal Fluid, Bronchial Aspirates, Tips	Microscopy	Manual Method
Urine	TB LAM	Manual Method

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<p><u>MYCOLOGY</u> CSF, Urine, Stool, Sputum, Swabs Pleural Fluids, Joint aspirates, Abscess, Pus aspirate, Tissue, Endotracheal aspirate, Ascitic fluid, Pericardial fluid, Peritoneal dialysis fluid, Peritoneal fluid, Bronchial aspirates, Tips</p>	Yeast Microscopy	Manual Method
<p><u>PARASITOLOGY</u> Stool/Urine/Blood</p>	Parasitology	Manual Method
<p><u>SEROLOGY</u> Serum Serum Serum Serum Serum Serum Serum Serum Serum Serum</p>	<p>Cotinine Hepatitis A IgM Hepatitis B Surface Antigen (HBsAg) HIV Immunoglobulin E Immunoglobulin A (IgA) Immunoglobulin G (IgG) Immunoglobulin M (IgM) Rheumatoid factor Rubella IgG</p>	<p>Abbott Alinity CI Abbott Alinity CI Abbott Alinity CI Abbott Alinity CI / Mini Vidas Phadia 250 Abbott Alinity CI Abbott Alinity CI Abbott Alinity CI Phadia 250 Abbott Alinity CI</p>

Original date of accreditation: 29 March 2023

Page 6 of 6

Mrs Pinkie J Malebe
SADCAS Technical Manager