

CERTIFICATE OF ACCREDITATION

In terms of section 22(2)(b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

**PATHCARE GROUP
NIGERIA LABORATORY
Co reg no: 1971/13873/21
Practice no: 5200539**

Facility Accreditation Number: **M0224**

is a South African National Accreditation System accredited laboratory
provided that all SANAS conditions and requirements are complied with

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

**MEDICAL TESTING LABORATORY
CLINICAL PATHOLOGY**

The facility is accredited in accordance with the recognised International Standard

ISO 15189:2007

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

While this certificate remains valid, the Accredited Facility named above is authorised to
use the relevant SANAS accreditation symbol to issue facility reports and/or certificates

**Mr R Josias
Acting Chief Executive Officer**

**Effective Date: 02 January 2010
Certificate Expires: 01 January 2014**

ANNEXURE A

SCHEDULE OF ACCREDITATION

Testing Laboratory Number: M0224

<p>Permanent Address of Laboratory: PathCare Group PathCare Nigeria Limited Plot 1397b, Tiamiyu Savage Street Victoria Island , Lagos Nigeria</p> <p>Postal Address: PathCare Business Centre Private Bag X 107 N1 City Goodwood 7460</p> <p>Tel : (0023401) 461-6311 Fax : (0023401) 262-9987</p>		<p>Signatories: Signatories as authorised by the Head of Laboratory</p> <p>Contact Person: Ms J Wassung</p> <p>Issue No. : 05 Date of issue : 29 April 2010 Expiry date : 01 January 2014</p>
Discipline/ Sample Type	Types of Test	Equipment/ Method
CHEMISTRY		
Serum	Alanine Aminotransferase (ALT)	CX9
Serum	Albumin	CX9
Serum	Alkaline Phosphatase (ALP)	CX9
Serum	Amylase	CX9
Serum	Antistreptolysin Titre (ASOT)	CX9
Serum	Aspartate Aminotransferase (AST)	CX9
Urine	Barbiturates	Manual Method / Rapid Test
Serum	Bilirubin, Direct	CX9
Serum	Bilirubin, Total	CX9
Serum	Calcium (Total)	CX9
Urine	Cannabinoids	Manual Method / Rapid Test
Serum, CSF	Chloride	CX9
Serum	Cholesterol (HDL)	CX9
Serum	Cholesterol (Total)	CX9
Urine	Cocaine Screen	Manual Method / Rapid Test
Serum	C-Reactive Protein (CRP)	CX9
Serum	Creatine Kinase (CK)	CX9
Serum	Creatine Kinase MB Mass (CKMB Mass)	Access II
Serum, Urine	Creatinine	CX9
Serum	Ferritin	Access II
Serum	Gamma Glutamyl Transferase (GGT)	CX9
Plasma, CSF	Glucose	CX9
Whole Blood	HbA1c	Biorad In2it
Serum	Lactate Dehydrogenase (LDH)	CX9
Serum	Lipase	CX9
Serum	Magnesium	CX9
Serum	Myoglobin	Access II
Urine	Opiates	Manual Method / Rapid Test
Serum	Phosphate	CX9
Serum	Potassium	CX9
Serum, Urine	Protein (Total)	CX9
Serum	Sodium	CX9
Serum	Total Iron Binding Capacity (TIBC)	CX9
Serum	Transferrin	Access II
Serum	Triglycerides	CX9
Plasma	Troponin I	Access II
Serum	Urate	CX9
Serum	Urea	CX9

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Discipline/ Sample Type	Types of Test	Equipment/ Method
<u>ENDOCRINOLOGY</u>		
Serum	Beta human Chorionic Gonadotrophin (β HCG)	Access II
Serum	Cortisol	Access II
Serum	Estradiol	Access II
Serum	Follicle Stimulating Hormone (FSH)	Access II
Serum	Free Thyroxine (F-T4)	Access II
Serum	Free Triiodothyronine (F-T3)	Access II
Serum	Luteinising Hormone (LH)	Access II
Serum	Progesterone	Access II
Serum	Prolactin	Access II
Serum	Prostate Specific Antigen (PSA)	Access II
Serum	Testosterone	Access II
Serum	Thyroid Stimulating Hormone (TSH)	Access II
<u>SEROLOGY</u>		
Serum	Hepatitis B Surface Antigen (HBsAg)	Access II
Serum	Hepatitis C Virus (HCV)	Access II
Serum	HIV Antibodies	Access II
Serum	Rubella IgG	Access II
Serum	RPR	Manual Method
Serum	Widal Test	Manual Method
<u>HAEMATOLOGY</u>		
Plasma	Activated Partial Thromboplastin Time (APTT)	Dade Behring BFT II
Whole Blood	Blood Grouping (ABO and Rh (D))	Manual Method
Whole Blood	CD4	BD Facscount
Whole Blood	CD8	BD Facscount
Plasma	D-Dimer (Fibrin Degradation Product)	Manual Method
Whole Blood	Differential Cell Count	Coulter ACT 5 Diff
Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Alifax / Manual Method
Plasma	Fibrinogen	Dade Behring BFT II
Whole Blood	Full Blood Count and Differential Count	Coulter ACT 5 Diff
Whole Blood	Haemoglobin Electrophoresis	Paragon
Plasma	International Normalised Ratio (INR)	Dade Behring BFT II
Whole Blood	Reticulocyte Count	Manual Method

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Discipline/ Sample Type	Types of Test	Equipment/ Method
MICROBIOLOGY Urine, Stool	Microscopy (Wet Preparation and Stained Slides) Staining Techniques: Saline Wet Preparation Iodine Wet Preparation Cryptosporidium Stain	Manual Method / Microscopy
Urine Stool Stool Stool	Chemistry – Dipstick Occult Blood Test Reducing Substances Concentration for Parasites	Manual Method Manual Method Clinitest Brine Flotation / Formal Ether Method
Whole Blood	Malaria: Thick and Thin Smears: Giesma or Field's Stain QBC-Microcapillary Method	Manual Method-Microscopy Manual Method
Skin, Hair, Nails	Fungal Microscopy: KOH Wet Preparation	Manual Method-Microscopy
CSF, Body Fluids, Blood, Tissue (Biopsy), Urine, Stool, Semen, Pus Swabs	Microscopy (Wet Preparation, Cell Counts and Stained Slides) Staining Techniques: Gram Stain Ziehl Nielsen India Ink Stain Aerobic, Anaerobic and Micro-Aerophilic Culture for Pathogenic Organisms Bactec Blood Cultures Identification of Organisms: DNase Catalase Beta Lactamase Plasma Coagulase Germ Tube Test Oxidase Test Satellitism Test and X,V, XV Factors Optochin Test Bacitracin Test Identification of Gram Negative Bacteria API 10/20E Antimicrobial Susceptibility Testing	Manual Method / Microscopy Manual Method Manual Method Manual Method Manual Method / Kirby Bauer
Nasopharyngeal Swabs Pharyngeal Swabs	Influenza A & B Latex Screening	Manual Method

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Senior Manager