



CERTIFICATE OF ACCREDITATION

This is to certify that

WELLKIN HOSPITAL LABORATORY

Testing Laboratory No. T024

is accredited by the ***Mauritius Accreditation Service (MAURITAS)***
for the following field:

MEDICAL

as per scope of schedule of accreditation

THIS LABORATORY MEETS THE REQUIREMENTS OF ISO 15189

This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with MAURITAS accreditation criteria, ISO 15189:2012 and any further requirements specified by MAURITAS

Issue Date: 18 September 2017

Ag. Director of MAURITAS

This certificate is valid only when accompanied by its schedule of Accreditation.

FIRST CERTIFICATE ISSUED ON 15 JULY 2014



**Schedule of Accreditation
Laboratory No T024**

Permanent Address of laboratory:

Wellkin Hospital Laboratory
Royal Road
Moka

Tel No.: (230) 605 1000

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E-mail: rbatra@wellkinhospital.com

Postal Address:

Wellkin Hospital Laboratory
Royal Road
Moka

Issue No: 03

Expiry Date: 14 July 2018

	<i>Discipline/ Sample Type</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Equipment/Method/Technique</i>
I.	Biochemistry		
1.	Blood	Alanine Transferase (ALT/SGPT)	Beckman Coulter AU480 Analyzer/ IFCC without Pyridoxal Phosphate Activation/ Photometry
		Alkaline Phosphatase	Beckman Coulter AU480 Analyzer/ Para Nitrophenyl Phosphate/Diethanolamine Buffer/ Photometry
		Aspartate Transferase (AST/SGOT)	Beckman Coulter AU480 Analyzer/ IFCC without Pyridoxal Phosphate Activation/ Photometry
		Direct Bilirubin	Beckman Coulter AU480 Analyzer/ Modified Jendrassik/ Photometry
		Gamma Glutamyl Transferase (GGT)	Beckman Coulter AU480 Analyzer / L Gamma Glutamyl 3 Carboxy 4 Nitroanilide substrate/ Photometry
		HDL Cholesterol	Beckman Coulter AU480 Analyzer /Immuno Inhibition – Cholesterol Oxidase/4 Amino antipyrine/ Photometry

		Iron	Beckman Coulter AU480 Analyzer / TPTZ/ Photometry
		LDL Cholesterol	Beckman Coulter AU480 Analyzer / Enzymatic Clearance Assay – Cholesterol Oxidase/4 Amino antipyrine/ Photometry
		Total Bilirubin	Beckman Coulter AU480 Analyzer / Modified Jendrassik/ Photometry
		Total Carbon Dioxide	Beckman Coulter AU480 Analyzer / Phosphoenol Pyruvate Carboxylase/ Photometry
		Total Cholesterol	Beckman Coulter AU480 Analyzer / Cholesterol Oxidase/4 Amino antipyrine/ Photometry
		Total Creatine Kinase	Beckman Coulter AU480 Analyzer / IFCC/N Acetyl Cysteine Activated/ Photometry
2.	Blood/Urine/Body Fluids	Chloride	Beckman Coulter AU480 Analyzer /Ion Selective Electrode/ Potentiometry
		Creatinine	Beckman Coulter AU480 Analyzer / Jaffe Reaction/ Photometry
		Potassium	Beckman Coulter AU480 Analyzer / Ion Selective Method/ Potentiometry
		Sodium	Beckman Coulter AU480 Analyzer / Ion Selective Method/ Potentiometry
		Total Amylase	Beckman Coulter AU480 Analyzer /2-c1-PNP non-blocked G3
		Uric Acid	Beckman Coulter AU480 Analyzer / Uricase/ Photometry
3.	Blood/Body Fluids	Albumin	Beckman Coulter AU480 Analyzer / Bromo Cresol Green dye binding/ Photometry

4.	Blood/Urine	Total Protein	Beckman Coulter AU480 Analyzer / Biuret Method/ Photometry
		Tryglycerides	Beckman Coulter AU480 Analyzer / Glycerol 3 Phosphate Oxidase/ 4 Amino Phenanzone without Glycerol blanking/ Photometry
		Phosphorus	Beckman Coulter AU480 Analyzer / Ammonium Molybdate/340 nm/ Photometry
		Total Calcium	Beckman Coulter AU480 Analyzer / Arzenaso III dye binding/ Photometry
5.	Blood/Urine/Body Fluids/ Dialysate	Urea	Beckman Coulter AU480 Analyzer / Urease/Glutamate dehydrogenase/ Photometry
6.	Fasting/Postprandial/ Random/ CSF/Body Fluids/Glucose tolerance tests	Glucose	Beckman Coulter AU480 Analyzer / Hexo kinsae/ Photometry
II.	<i>Haematology</i>		
1.	Blood	Haemoglobin	SYSMEX XS1000i and SYSMEX KX21/ OXY Haemoglobin/ Photometry
		Total White Blood Cell Count	SYSMEX KX21/ Electrical Impedance and SYSMEX XS1000i/ Flow Cytometry
		Total Red Blood Cell Count	SYSMEX KX21/ Electrical Impedance and SYSMEX XS1000i / Direct Current Detection/
		Haematocrit	SYSMEX XS1000i and SYSMEX KX21/ Calculated
		Mean Corpuscular Volume	SYSMEX XS1000i and SYSMEX KX21/ Calculated
		Mean Corpuscular Haemoglobin	SYSMEX XS1000i and SYSMEX

2.	Urine	Mean Corpuscular Haemoglobin Concentration	KX21/ Calculated SYSMEX XS1000i and SYSMEX KX21/ Calculated
		Platelet	SYSMEX KX21/ Electrical Impedance and SYSMEX XS1000i / Direct Current Detection/
		Differential Count	SYSMEX XS1000i/ Flow Cytometer
		Prothrombin Time	SYSMEX CA50/Optical Method
		Activated partial Thromboplastin Time	SYSMEX CA50/Optical Method
		Urine Glucose	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Bilirubin	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Ketone	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Specific Gravity	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Blood	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine pH	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Protein	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Urobilinogen	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
		Urine Nitrite	SIEMENS CLINITEK STATUS/Reflectance Colorimetry
Urine Leucocytes	SIEMENS CLINITEK STATUS/Reflectance Colorimetry		

III.	<i>Microbiology</i>		
1.	Blood	Blood Culture	BacTAlert/Culture
2.	Urine	Urine Culture	Manual/Culture
3.	Body Fluids	Stools Culture	Manual/Culture
		Sputum/Bal Fluid for AFB	Manual/Staining and Microscopy
4.	Blood/ Body Fluids	HIV Antibodies	Elisa Processor/Elisa

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 18 September 2017

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