

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Laboratory Accreditation Number: **MED 012 (ISO 15189:2012)**

<p><b>Permanent Address of Laboratory:</b> Diagnofirm Medical Laboratories Gaborone Plot 12583 Nyerere Drive, Middle Star Gaborone Botswana</p> <p><b>Postal Address:</b> Private Bag 283 Gaborone Botswana</p> <p><b>Tel</b> : +267 395 0007 <b>Cell</b> : +26774728985 <b>Fax</b> : +267 395 7980 <b>Email</b> : <a href="mailto:qcmanager@diagofirm.co.bw">qcmanager@diagofirm.co.bw</a></p>		<p><b>Technical Signatories</b> : As authorized by the Head of the Laboratory</p> <p><b>Nominated Representative</b> : Ignatious Makozhombwe</p> <p><b>Issue No</b> : 02 <b>Date of issue</b> : 11 December 2020 <b>Expiry Date</b> : 30 July 2025</p>
DISCIPLINE/SAMPLE TYPE	TYPES OF TESTS	EQUIPMENT/METHOD
<b>CHEMISTRY</b>		
Serum	Alanine Aminotransferase (ALT)	Abbott Alinity
Serum	Albumin	Abbott Alinity
Serum	Alkaline Phosphatase	Abbott Alinity
Serum	Amylase	Abbott Alinity
Serum	Apolipoprotein A1	Abbott Alinity
Serum	Apolipoprotein B	Abbott Alinity
Serum	Aspartate Aminotransferase (AST)	Abbott Alinity
Serum	Bicarbonate (CO <sub>2</sub> )	Abbott Alinity
Serum	Bilirubin Direct	Abbott Alinity
Serum	Bilirubin Total	Abbott Alinity
Serum	Calcium (Total)	Abbott Alinity
Serum	Chloride	Abbott Alinity
Serum	Cholesterol (HDL)	Abbott Alinity
Serum	Cholesterol (LDL) Calculated	Abbott Alinity
Serum	Cholesterol (Total)	Abbott Alinity
Serum	Cholesterol (Total)/Cholesterol (HDL) ratiocalculated	Abbott Alinity
Serum	C-Reactive Protein (CRP) High Sensitive	Abbott Alinity

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<b><u>CHEMISTRY (cont'd)</u></b>		
Serum	Creatine Kinase (CK)	Abbott Alinity
Serum	Creatine Kinase MB (CKMB)	Abbott Alinity
Serum, Urine	Creatinine	Abbott Alinity
Serum	Ferritin	Abbott Alinity
Serum	Gamma GlutamylTransferase (GGT)	Abbott Alinity
Serum	Globulins (calculated)	Abbott Alinity
Plasma, CSF, Urine	Glucose	Abbott Alinity
Whole blood	Glycosylated Haemoglobin HbA1c	Tosoh G8
Serum	Iron	Abbott Alinity
Serum	Lactate Dehydrogenase (LDH)	Abbott Alinity
Serum	Lipoprotein (a)	Abbott Alinity
Serum	Magnesium	Abbott Alinity
Serum	Phosphate	Abbott Alinity
Serum	Potassium	Abbott Alinity
Serum	Protein (Total)	Abbott Alinity
Serum	Sodium	Abbott Alinity
Serum	Transferrin	Abbott Alinity
Serum	Triglycerides	Abbott Alinity
Serum	Urate (Uric acid)	Abbott Alinity
Serum	Urea	Abbott Alinity
Urine	Protein	Abbott Alinity
<b><u>ENDOCRINOLOGY</u></b>		
Serum	Alpha Feto Protein	Bio Merieux Mini Vidas
Serum	Beta Human Chorionic Gonadotropin (bHCG)	Abbott Alinity
Serum	CA 125	Bio Merieux Mini Vidas
Serum	CA 15.3	Bio Merieux Mini Vidas
Serum	CA 19.9	Bio Merieux Mini Vidas
Serum	Carcinoembryonic Antigen (CEA)	Bio Merieux Mini Vidas
Serum	Estradiol (E2)	Abbott Alinity
Serum	Folate	Abbott Alinity

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<b><u>ENDOCRINOLOGY (cont'd)</u></b>		
Serum	Follicle Stimulating Hormone	Abbott Alinity
Serum	Free T3	Abbott Alinity
Serum	Free T4	Abbott Alinity
Serum	Insulin	Abbott Alinity
Serum	Luteinizing Hormone	Abbott Alinity
Plasma	Pro Brain Natriuretic Peptide (pro BNP)	Bio Merieux Mini Vidas
Serum	Progesterone	Abbott Alinity
Serum	Prolactin	Abbott Alinity
Serum	Prostate Specific Antigen (PSA)	Abbott Alinity
Serum	Sex Hormone Binding Globulin (SHBG)	Abbott Alinity
Serum	Total testosterone	Abbott Alinity
Serum	Thyroid Stimulating Hormone (TSH)	Abbott Alinity
Serum	Vitamin B12	Abbott Alinity
Serum	Anti-Thyroglobulin Antibodies(Anti Tg)	Abbott Architect
Serum	Anti-Microsomal (Anti-Thyroid Peroxidase) Anti TPO	Abbott Architect
Serum	Cortisol	Abbott Architect
Serum	DHEA-S	Abbott Architect
Serum	Free PSA	Abbott Architect
<b><u>HAEMATOLOGY</u></b>		
Plasma	Activated Partial Thromboplastin Time (APTT)	Stago satellite
Whole Blood	Blood Grouping (ABO and Rh(D))	Manual Method
Whole Blood	CD3	Beckman Coulter Aquios
Whole Blood	CD4	Beckman Coulter Aquios
Whole Blood	CD4%	Beckman Coulter Aquios
Whole Blood	CD8	Beckman Coulter Aquios
Whole Blood	CD4:CD8 ratio Calculated	
Plasma	D-Dimer (Fibrin Degradation Product)	Bio Merieux Mini Vidas
Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Beckman Coulter Alifax
Whole Blood	Full Blood Count and Differential Count	Abbott Emerald
Plasma	International Normalised Ratio (INR)	Stago satellite
Whole Blood	Malaria antigens	Manual Method
Whole Blood	Malaria Smears	Manual Method
Whole Blood	ESR	Manual Method
Plasma	INR, PT	Stago satellite

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<b><u>SEROLOGY</u></b>		
Serum	Antistreptolysin O Titre (ASOT)	Manual Method
Serum, Urine	Beta Human Chorionic Gonadotropin (bHCG) Screen	Manual
Serum	Cytomegalovirus (CMV) IgG	Abbott Architect
Serum	Cytomegalovirus (CMV) IgM	Abbott Architect
Serum	Helicobacter Pylori	Manual Method
Serum	Hepatitis A IgG	Abbott Architect
Serum	Hepatitis A IgM	Abbott Architect
Serum	Hepatitis B Core Antibody	Abbott Architect
Serum	Hepatitis B Surface Antigen (HBsAg)	Manual Method
Serum	Hepatitis B Surface Antibody (AUSAB)	Abbott Architect
Serum	Hepatitis C Virus antibody	Abbott Architect
Serum	HIV Confirmation	Abbott Architect
Serum	HIV Rapid	Manual Method
Serum	Infectious Mononucleosis	Manual Method
Serum	Rheumatoid Factor (RF)	Manual Method
Serum	Rubella IgG	Abbott Architect
Serum	Rubella IgM	Abbott Architect
Serum	RPR	Manual Method
Serum	Toxoplasma IgG	Abbott Architect
Serum	Toxoplasma IgM	Abbott Architect
Serum	Treponema Pallidum Haemagglutination (TPHA)	Manual Method
Whole Blood	Troponin I	Manual Method
<b><u>MOLECULAR BIOLOGY</u></b>		
Plasma	Molecular Amplification (HIV Viral Loads)	Bio Merieux EasyMag/easyQ
Nasopharyngeal/Oropharyngeal	SARS -CoV -2/COVID -19	PCR / Bioer Extraction and AmplificationSystem

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<b><u>MICROBIOLOGY</u></b>		
Urine	Wet preparation: cells,casts,crystals,parasites	Manual Method-Microscopy
Pus Swabs, Ear, Eye,Throat,Wound, Nasal,HVS	Gram Stain	Manual Method-Microscopy
Sputum	Ziehl Neelsen	Manual Method-Microscopy
Urine	Macroscopy	Manual Method
Urine	Chemistry: Glucose,Ketones,pH,S.G,Protein,Bilirubin, Blood	Manual Method/Clinitek Status
Pus Swabs, Ear, Eye,Throat,Wound, Nasal,HVS, Urine	Culture on Selective and General Medium	Manual Method
	Antimicrobial Sensitivity Testing	Manual Method- Modified Kirby Bauer
	Bacterial Identification Techniques	
	Biochemical Tests	
	Catalase	
	Coagulase	
	Oxidase	
	Electronic RapID Compendium(ERIC)	

Original date of accreditation: 25 June 2015

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