TRINIDAD AND TOBAGO laboratory Accreditation Service

SCHEDULE OF ACCREDITATION

BRITISH VIRGIN ISLAND HEALTH SERVICE AUTHORITY

Medical Laboratory No.: LAS-003M

is an accredited Laboratory which fulfils the requirements of *ISO 15189:2012 – Medical laboratories — Requirements for quality and competence*, and has demonstrated competence to carry out tests for:

HAEMATOLOGY AND CLINICAL CHEMISTRY

as specified in and at locations identified in this schedule. This document may be revised from time to time based on accreditation requirements. The most current issue is available on TTLABS website: https:\\gottbs.com/ttlabs

While this schedule remains valid, the Accredited Laboratory named above is authorized to issue TTLABS-endorsed certificates.

Karlene Carolyn Lewis

Manager, TTLABS

"Recognised as the official national laboratory accrediting body by the Ministry of Trade and Industry of the Republic of Trinidad and Tobago."

Initial Accreditation date: 17th October 2024

This schedule was issued on: 17th October 2024 **This schedule expires on: 16th October 2027**

*"This laboratory is accredited in accordance with the recognized International Standard **ISO 15189:2012**. This accreditation demonstrated technical competence for a defined scope and the operation of a laboratory quality management system. (refer to joint ISO-ILAC-IAF Communiqué dated January 2015)"*

Medical Laboratory Number: **LAS-003M**

Permanent Address of Laboratory: **British Virgin Island Health Service Authority** 32 Main Street Road Town Tortola BVI **Postal Address** Same Tel : 284-852-7570 Fax : None e-mail: dnicholson@bvihsa.vg	**Management Signatories:** Dr. Nicholas Redhead Dr. Devye Ann Nicholson **Technical Signatories:** Ms Prudence George **Nominated Representative:** N/A **Certificate of Accreditation** Issue No. : 01

Clinical Specimens Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/Techniques Used
Instruction: add rows as needed below and enter the FIELD where necessary (e.g. Chemical, Microbiological).		
WHOLE BLOOD		
HAEMATOLOGY	1) Complete Blood Count (CBC)	Impedance Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	2) Red blood cells (RBC) Units: $10^3/mm^3$	Impedance Variation Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	3) Haemoglobin (Hb) Units: g/dl	Spectrophotometry **Instrument Horiba Yumizen H500**
HAEMATOLOGY	4) Haematocrit (HCT) Units: %	Impedance Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	5) Mean Cell Volume (MCV) Units: μm^3	Impedance Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	6) Mean Cell Haemoglobin (MCH) Units: pg	Impedance Measure **Instrument Horiba Yumizen H500**

Clinical Specimens Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/Techniques Used
HAEMATOLOGY	7) Mean Cell Haemoglobin Concentration (MCHC Units: g/dl	Impedance Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	8) Red cell distribution width (RDW) Units: %	Impedance Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	9) Platelets Units: $10^3/mm^3$	Impedance Variation Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	10) White blood cells (WBC) Units: $10^3/mm^3$	Impedance Variation Measure **Instrument Horiba Yumizen H500**
HAEMATOLOGY	11) Neutrophils Units: %	Flow Cytometry (Impedance Variation Measure, Absorbency Measure) **Instrument Horiba Yumizen H500**
HAEMATOLOGY	12) Lymphocytes Units: %	Flow Cytometry (Impedance Variation Measure, Absorbency Measure) **Instrument Horiba Yumizen H500**
HAEMATOLOGY	13) Eosinophils Units: %	Flow Cytometry (Impedance Variation Measure, Absorbency Measure) **Instrument Horiba Yumizen H500**
HAEMATOLOGY	14) Monocytes Units: %	Flow Cytometry (Impedance Variation Measure, Absorbency Measure) **Instrument Horiba Yumizen H500**
HAEMATOLOGY	15) Basophils Units: %	Flow Cytometry (Impedance Variation Measure, Absorbency Measure) **Instrument Horiba Yumizen H500**

Clinical Specimens Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/Techniques Used
SERUM		
CHEMISTRY	16) Blood Urea Nitrogen (BUN) Units: mg/dL Range: 2.0 – 120.0	Colorimetric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	17) Creatinine Units: mg/dL Range: 0.15 – 14.0	Two Point Rate **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	18) Sodium Units: mmol/L Range: 75.0 – 250.0	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	19) Potassium Units: mmol/L Range: 1.00 – 14.00	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	20) Chloride Units: mmol/L Range: 50.00 – 175.00	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	21) Carbon Dioxide (ECO2) Units: mmol/L Range: 5.00 – 40.00	Enzyme End Point **Instrument Ortho VITROS® XT 7600, VITROS 5600**
PLASMA		
CHEMISTRY	22) Blood Urea Nitrogen (BUN) Units: mg/dL Range: 2.0 – 120.0	Colorimetric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	23) Creatinine Units: mg/dL Range: 0.15 – 14.0	Two Point Rate **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	24) Sodium Units: mmol/L Range: 75.0 – 250.0	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	25) Potassium Units: mmol/L Range: 1.00 – 14.00	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**

Clinical Specimens Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/Techniques Used
CHEMISTRY	26) Chloride Units: mmol/L Range: 50.00 – 175.00	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	27) Carbon Dioxide (ECO2) Units: mmol/L Range: 5.00 – 40.00	Enzyme End Point **Instrument Ortho VITROS® XT 7600, VITROS 5600**
URINE		
CHEMISTRY	28) Blood Urea Nitrogen (BUN) Units: g/day Range: 67 – 2520	Colorimetric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	29) Creatinine Units: mg/day Range: 3.2 – 346.5	Two Point Rate **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	30) Sodium Units: mmol/day Range: 5.0 – 250.0	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**
CHEMISTRY	31) Potassium Units: mmol/day Range: 2.50 – 175.00	Potentiometric **Instrument Ortho VITROS® XT 7600, VITROS 5600**

END OF SCHEDULE OF ACCREDITATION