



SCHEDULE OF ACCREDITATION

Testing Laboratory Number: **LAS-002 M**

<p>Permanent Address of Laboratory: Central Diagnostics Laboratory 53 Union Street Hamilton HM 12 Bermuda</p> <p>Postal Address Same as above</p> <p>Tel : 441-292-9940 Fax : 441-296-9900 e-mail: office@cdl.bm</p>	<p>Management Signatories: Quinton Butterfield</p> <p>Technical Signatories: Whitney Butterfield</p> <p>Nominated Representative: Whitney Butterfield</p> <p>Certificate of Accreditation Issue No. : 2 Date of issue : 4th July, 2019 Date of Expiry : 3rd July, 2022</p>
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Materials/ Products Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/Techniques Used
<p>CHEMICAL Serum</p>	<ol style="list-style-type: none"> 1. Alanine Amino Tranferase (ALT) – 6.0-381.3 IU/L 2. Asparate Aminotransferase (AST) – 3.0 – 810 IU/L 3. Albumin – 0-10.5 g/dL 4. Alkaline Phosphatase – 5.0 – 1736 IU/L 5. Amylase – 3.0 – 302.3 U/L 6. Bilirubin, Direct – 0.1 – 15 mg/dL 7. Bilirubin, Total – 0.1 – 25 mg/dL 8. Blood Urea Nitrogen.(BUN) -2 – 83 mg/dL 9. Creatinine Kinase (CK) – 7.0 – 3761.3 10. Calcium, Total – 2.5 – 17.467 mg/dL 11. Chloride – 50-150 mmol/L 12. Cholesterol – 7.0 – 706.3 mg/dL 13. Creatinine – 0.30 – 33.6 mg/dL 14. Direct Low Density Lipoprotein (LDL) - 1 - 800 mg/dL 15. Glucose – 7.0 – 703.7 mg/dL 16. Gamma-Glutamyl Transferase (GGT) – 4.0 – 1330.7 IU/L 17. High Density Lipoprotein (HDL) – 0 – 180 mg/dL 18. Iron, Total – 0 – 1779 µg/dL 19. Lactase Dehydrogenase (LDH) – 30 – 1704 U/L 20. Magnesium - .0 – 9.5 mg/dL 21. Phosphorous – 0 – 25.3 mg/dL 22. Potassium – 1.0 – 10.0 mmol/L 23. Protein, Total - 0.7 – 17.7 g/dL 24. Sodium – 100 – 200 mmol/L 25. Triglycerides – 8.67 – 1351.3 mg/dL 26. Uric Acic0.0 – 33.1 mg/dL 27. UIBC – 41 – 500 µg/dL 28. Apolipoprotein B – 0-283 mg/dL 	<ol style="list-style-type: none"> 1. NADH (without P-5'-P) 2. NADH (without P-5'-P) 3. Bromocresol Green 4. Para-nitrophenyl Phosphate 5. CNPG3 Substrate 6. Diazo Reaction 7. Diazonium Salt 8. Urease 9. NAC (N-acetyl-L-cysteine) 10. Arsenazo III 11. Ion Selective Electrode Diluted (Indirect) 12. Enzymatic 13. Kinetic Alkaline Picrate 14. Measured, liquid Selective Detergent 15. Hexokinase/G-6-PDH 16. L-Gamma-glutamyl-3-carboxyl-4-nitroanilide 17. Accelerator Selective Detergent 18. Ferene 19. Forward reaction: Lactate to Pyruvate 20. Arsenazo 21. Phosphomolybdate 22. Ion Selective Electrode Diluted (Indirect) 23. Biuret 24. Ion Selective Electrode Diluted (Indirect) 25. Glycerol Phosphate Oxidase 26. Uricase 27. Ferene 28. Immunoturbidimetric <p style="text-align: center;">Instrument - Abbott Architect C</p>

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<u>ENDOCRINOLOGY</u> Serum	29. Estradiol- 10 – 1000 pg/mL 30. Follicle Stimulating Hormone (FSH) 0.05 – 150 miU/mL 31. Free T3 -1.0 – 30 pg/ml 32. Free T4 – 0.4- 6.0 ng/dL 33. Luteinizing Hormone (LH) - 0.9 – 250 miU/mL 34. Prolactin- 0.60-200 ng/mL 35. PSA, Free – 0.008 – 30 ng/mL 36. PSA, Total- 0.008-100 ng/mL 37. Progesterone- 0.10 - 40 ng/mL 38. Thyroid Stimulating Hormone (TSH) – 0.0025 – 100 miU/mL 39. Total T4- 1.0 – 24 µg/mL 40. Testosterone, Total- 4.326 – 1862 ng/dL 41. hCG Quant- 1.20 – 15000 miU/mL 42. DHEA – 3.0- 1500 µg/dL	Chemiluminescence Microparticle Immunoassay Instrument - Abbott Architect I
<u>HAEMATOLOGY</u> Whole Blood	43. Complete Blood Count (CBC) White Blood Cell (WBC) - 0.0-246 x 10 ³ / µL Red Blood Cell (RBC) – 0.00-7.50 x 10 ³ / µL Hemoglobin (HGB) – 0.0 – 25 g/dL Hematocrit (HCT) – 0.00 – 99.5 % Mean Corpuscular Volume (MCV) – 0.00 – 139 fL Red Cell Distribution Width (RDW) - 0.00 – 29.8% Platelet (PLT) – 0.00-17.2 x 10 ³ / µL	Multi-Angle Polarized Scatter Separation Instrument – Abbott Ruby
<u>HAEMATOLOGY</u> Whole Blood	44. HbA1C/Glyco HB – 4.0 – 15.0 %	Enzymatic method that specifically measures N-terminal fructosyl dipeptides of the β-chain of HbA1c. Instrument- Abbott Architect C
<u>SPECIAL CHEMISTRY</u> Serum	45. CEA- 0.5 – 1500 ng/mL 46. CK-MB – 1 – 300 ng/mL 47. Ferritin – 1.0 – 2000 ng/mL 48. Folate – 1.5 – 20.0 ng/mL 49. Vitamin B12 – 60 – 2000 pg/mL 50. Vitamin D, 25-OH – 8 – 160 ng/mL	Chemiluminescence Microparticle Immunoassay Instrument - Abbott Architect I
<u>IMMUNOLOGY</u> Serum	51. HBsAg (Qualitative) 52. Hep B Core, IgM (Qualitative) 53. Hep B Core, Total(Qualitative) 54. Hepatitis C(Qualitative) 55. Hepatitis A(Qualitative) 56. HIV(Qualitative) 57. Syphilis TP(Qualitative)	Chemiluminescence Microparticle Immunoassay Instrument - Abbott Architect I

Date of accreditation: 9th June, 2015

Manager, TTLABS