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SCOPE OF LABORATORY ACCREDITATION

Certificate Ref No.: **BLML076/LA/2024/CERT07-01**

Initial Date of Granting	18/03/2024	**Grant Date of Current Cycle**	18/03/2024
Current Accreditation Cycle	**01**	**Expiration Date**	17/03/2028

BORDERLIFE MEDICAL LABORATORY

Main Testing Site
71 Eastern Main Road
Barataria
Trinidad & Tobago

FIELD: CHEMISTRY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
1	Serum	Albumin	Cobas c111/Bromocresol Green	g/dL
2	Serum	Alkaline Phosphatase	Cobas c111/ IFCC	U/L
3	Serum	Alanine Aminotransferase	Cobas c111/ IFCC without pyridoxal phosphate	U/L
4	Serum	Aspartate Aminotransferase	Cobas c111/ IFCC without pyridoxal phosphate	U/L
5	Serum	Calcium	Cobas c111/5_ nitro5'_methyl-BAPTA	mg/dL
6	Serum	Cholesterol	Cobas c111/ Enzymatic, colorimetric	mg/dL
7	Serum	Creatinine	Cobas c111/ Enzymatic	mg/dL
8	Serum	Direct Bilirubin	Cobas c111/ Diazo Reaction	mg/dL
9	Serum	Gamma-Glutamyl Transferase	Cobas c111/ Enzymatic	U/L

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
10	Serum	Glucose	Cobas c111/Enzymatic with Hexokinase	mg/dL
11	Serum	High Density Lipoprotein	Cobas/ Enzymatic colorimetric	mg/dL
12	Serum	Iron	Cobas/ Colorimetric (FerroZine)	ug/dL
13	Serum	Lactate Dehydrogenase	Cobas c111/ UV Assay IFCC	U/L
14	Serum	Lipase	Cobas c111/Colorimetric	U/L
15	Serum	Magnesium	Cobas c111/ Colorimetric endpoint (Xylidyl blue)	mg/dL
16	Serum	Phosphorus	Cobas c111/ Endpoint (Molybdate)	mg/dL
17	Serum	Total Bilirubin	Cobas c111/ Diazo	mg/dL
18	Serum	Total Protein	Cobas c111/ Biuret	g/dL
19	Serum	Triglycerides	Cobas c111/ Enzymatic (GPO PAP)	mg/dL
20	Serum	Urea	Cobas c111/ Urease with GLDH	mg/dL
21	Serum	Uric Acid	Cobas c111/ Enzymatic Colorimetric	mg/dL
22	Serum	Creatine Kinase	Cobas c111/UV	U/L
23	Serum	Sodium	EXIAS E2/ Potentiometric Electrode Technology	mmol/L
24	Serum	Potassium	EXIAS E2/ Potentiometric Electrode Technology	mmol/L
25	Serum	Chloride	EXIAS E2/ Potentiometric Electrode Technology	mmol/L

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
26	Whole blood	HbA1c	Cobas C111/ Immunoturbidimetric	%	2025/04/29
27	Serum	HIV	Abbott Determine	N/A	2025/04/29
28	Serum	Amylase	Cobas c111/Enzymatic Colorimetric	U/L	2025/09/15
29	Serum	Hepatitis C antibodies	Abbott Bioline	N/A	2025/09/15
30	Serum	Hepatitis BsAg	Abbott Determine	N/A	2025/09/15

FIELD: IMMUNOLOGY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
31	Serum	Alpha Feto Protein	Cobas e411/ Sandwich principle	IU/mL
32	Serum	Beta hCG	Cobas e411/Sandwich principle	mIU/mL
33	Serum	CA 15-3	Cobas e411/Sandwich principle	U/mL
34	Serum	CA 19-9	Cobas e411/Sandwich principle	U/mL
35	Serum	CA 125	Cobas e411/Sandwich principle	U/mL
36	Serum	CEA	Cobas e411/Sandwich principle	ng/mL
37	Serum	Cortisol	Cobas e411/Competition principle	ng/mL
38	Serum	Estradiol	Cobas e411/Competition principle	pg/mL
39	Serum	Ferritin	Cobas e411/Sandwich principle	ng/mL

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
40	Serum	FSH	Cobas e411/Sandwich principle	mIU/mL
41	Serum	Free T3	Cobas e411/Competition principle	pg/mL
42	Serum	Free T4	Cobas e411/Competition principle	ng/dL
43	Serum	Insulin	Cobas e411/Sandwich principle	uIU/mL
44	Serum	LH	Cobas e411/Sandwich principle	mIU/mL
45	Serum	Progesterone	Cobas e411/Competition principle	ng/mL
46	Serum	Prolactin	Cobas e411/Sandwich principle	ng/mL
47	Serum	Total PSA	Cobas e411/Sandwich principle	ng/mL
48	Serum	Testosterone	Cobas e411/Competition principle	ng/mL
49	Serum	TSH	Cobas e411/Sandwich principle	uIU/mL
50	Serum	Total T3	Cobas e411/Competition principle	ng/mL
51	Serum	Total T4	Cobas e411/Competition principle	ug/dL
52	Serum	Vitamin B12	Cobas e411/Competition principle	pg/mL
53	Serum	Vitamin D	Cobas e411/Competition principle	ng/mL
54	Serum	ANA	ChemWell 2900/ Indirect Solid Phase Enzyme Immunoassay	N/A
55	Serum	Anti DS-DNA	ChemWell 2900/ ELISA	N/A
56	Serum/Plasma	Troponin I	Standard F200/ Florescence	ng/mL

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
			Immunoassay	

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
57	Serum	Rubella IgG	Cobas e411/Sandwich Principle	IU/ml	2025/09/15

FIELD: HAEMATOLOGY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
58	Whole Blood	WBC	Cell Dyn Emerald 18	10^3/ul
59	Whole Blood	LYMPHOCYTES #	Cell Dyn Emerald 18	10^3/ul
60	Whole Blood	MID #	Cell Dyn Emerald 18	10^3/ul
61	Whole Blood	GRANULOCYTES #	Cell Dyn Emerald 18	10^3/ul
62	Whole Blood	LYMPHOCYTES %	Cell Dyn Emerald 18	%
63	Whole Blood	MID %	Cell Dyn Emerald 18	%
64	Whole Blood	GRANULOCYTES %	Cell Dyn Emerald 18	%
65	Whole Blood	RBC	Cell Dyn Emerald 18	10^6/ul
66	Whole Blood	HGB	Cell Dyn Emerald 18	g/dl
67	Whole Blood	HCT	Cell Dyn Emerald 18	%
68	Whole Blood	MCV	Cell Dyn Emerald 18	fL
69	Whole Blood	MCH	Cell Dyn Emerald 18	pg

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
70	Whole Blood	MCHC	Cell Dyn Emerald 18	g/dl
71	Whole Blood	RDW	Cell Dyn Emerald 18	%
72	Whole Blood	PLT	Cell Dyn Emerald 18	10^3/ul
73	Whole Blood	MPV	Cell Dyn Emerald 18	fL
74	Whole Blood	Blood Film Review	Manual/ Microscopy	N/A
75	Plasma	D-Dimer	Standard F200/ Florescence Immunoassay	<500 ng/mL
76	Plasma	Prothrombin Time	BFT II/Coagulation	N/A
77	Plasma	Partial Thromboplastin Time	BFT II/Coagulation	N/A
78	Whole Blood	Sickle Cell Screening	SAS Sickle Cell Test/Manual	N/A

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
79	Whole Blood	Blood grouping	Manual and Slide Method	N/A	2025/04/29

FIELD: CYTOLOGY & MOLECULAR MICROBIOLOGY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
80	Thin Prep Pap/Urine	Trichomonas	GeneXpert	N/A
81	Thin Prep Pap/Urine	CT/NG	GeneXpert	N/A

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
82	Thin Prep	PAP Smear	Manual	N/A	2025/04/29

FIELD: MICROBIOLOGY & URINE ANALYSIS

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
83	Urine	Urine Culture and Sensitivity	Micro scan Auto scan 4	N/A
84	Urine	Urine Microanalysis- SPECIFIC GRAVITY	URIT analyser/Manual	N/A
85	Urine	Urine Microanalysis -PH	URIT analyser/Manual	N/A
86	Urine	Urine Microanalysis - LEUCOCYTES	URIT analyser/Manual	N/A
87	Urine	Urine Microanalysis NITRITE	URIT analyser/Manual	N/A
88	Urine	Urine Microanalysis PROTEIN	URIT analyser/Manual	N/A
89	Urine	Urine Microanalysis GLUCOSE	URIT analyser/Manual	N/A
90	Urine	Urine Microanalysis KETONES	URIT analyser/Manual	N/A
91	Urine	Urine Microanalysis UROBILINOGEN	URIT analyser/Manual	N/A
92	Urine	Urine Microanalysis BILIRUBIN	URIT analyser/Manual	N/A

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
93	Urine	Urine Microanalysis BLOOD	URIT analyser/Manual	N/A
94	Urine	Urine Microanalysis COLOUR	URIT analyser/Manual	N/A
95	Urine	Urine Microanalysis APPEARANCE	URIT analyser/Manual	N/A

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
96	Microbiology /Thin prep	HPV	GeneXpert	N/A	2025/04/29
97	Serum	VDRL (Syphilis)	Abbott determine Kit	N/A	2025/04/29
98	Serum	HSV 1&2	CKT Biotech onsite HSV1 IgG/IgM Rapid Tests CKT Biotech onsite HSV 2 IgG/IgM Rapid Tests	N/A	2025/04/29

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Secondary Testing Site
Nova Medical Center,
22 Mausica Road

FIELD: CHEMISTRY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
99	Serum	Albumin	Biobase BK200/Bromcresol Green	g/dL
100	Serum	Alkaline Phosphatase	Biobase BK200/IFCC	U/L
101	Serum	Alanine Aminotransferase	Biobase BK200/ IFCC	U/L
102	Serum	Aspartate Aminotransferase	Biobase BK200/ IFCC	U/L
103	Serum	Calcium	Biobase BK200/Arsenazo III	mg/dL
104	Serum	Cholesterol	Biobase BK200/ Enzymatic, colorimetric	mg/dL
105	Serum	Creatinine	Biobase BK200/ Enzymatic	mg/dL
106	Serum	Direct Bilirubin	Biobase BK200/DCA	mg/dL
107	Serum	Gamma-Glutamyl Transferase	Biobase BK200/ SZASZ	U/L
108	Serum	Glucose	Biobase BK200/GODPAP	mg/dL
109	Serum	High Density Lipoprotein	Biobase BK200/ Direct	mg/dL
110	Serum	Phosphorus	Biobase BK200/ Colorimetric	mg/dL
111	Serum	Total Bilirubin	Biobase BK200/ DCA	mg/dL
112	Serum	Total Protein	Biobase BK200/ Biuret	g/dL
113	Serum	Triglycerides	Biobase BK200/Enzymatic Colorimetric	mg/dL

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
114	Serum	Urea	Biobase BK200/Urease with GLDH	mg/dL
115	Serum	Uric Acid	Biobase BK200/ TBHBA	mg/dL
116	Serum	Sodium	EasyLyte/Ion Selective Electrode Technology	mmol/L
117	Serum	Potassium	EasyLyte/Ion Selective Electrode Technology	mmol/L
118	Serum	Chloride	EasyLyte/Ion Selective Electrode Technology	mmol/L

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
119	Serum	HIV	Abbott determine	N/A	2026/02/05
120	Serum	HSV 1 and HSV 2 IgG/IgM	Onsite	N/A	2026/02/05
121	Serum	Hepatitis BsAg	Abbott Determine	N/A	2026/02/05
122	Serum	VDRL (Syphilis)	SD Bioline	N/A	2026/02/05
123	Serum	Hepatitis C Antibodies	Abbott Bioline	N/A	2026/02/05

FIELD: HAEMATOLOGY

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
124	Whole Blood	WBC	Cell Dyn Emerald 18	10^3/ul
125	Whole Blood	LYMPHOCYTES #	Cell Dyn Emerald 18	10^3/ul
126	Whole Blood	MID #	Cell Dyn Emerald 18	10^3/ul
127	Whole Blood	GRANULOCYTES #	Cell Dyn Emerald 18	10^3/ul

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#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
128	Whole Blood	LYMPHOCYTES %	Cell Dyn Emerald 18	%
129	Whole Blood	MID %	Cell Dyn Emerald 18	%
130	Whole Blood	GRANULOCYTES %	Cell Dyn Emerald 18	%
131	Whole Blood	RBC	Cell Dyn Emerald 18	10^6/ul
132	Whole Blood	HGB	Cell Dyn Emerald 18	g/dl
133	Whole Blood	HCT	Cell Dyn Emerald 18	%
134	Whole Blood	MCV	Cell Dyn Emerald 18	fL
135	Whole Blood	MCH	Cell Dyn Emerald 18	pg
136	Whole Blood	MCHC	Cell Dyn Emerald 18	g/dl
137	Whole Blood	RDW	Cell Dyn Emerald 18	%
138	Whole Blood	PLT	Cell Dyn Emerald 18	10^3/ul
139	Whole Blood	MPV	Cell Dyn Emerald 18	fL

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS	GRANT DATE
140	Whole Blood	Sickle Cell Screening	SAS Sickle Cell/Test /Manual	N/A	2026/02/05
141	Whole Blood	Blood Grouping	Manual /Slide method	N/A	2026/02/05

Note: Examination introduced to this document as an extension of scope will be included as part of normal numbering of examination at reassessment of the client. **Abbreviations** *(if necessary):*