

## APPENDIX 1

### SCOPE OF LABORATORY ACCREDITATION

Certificate Ref No.: DOP041/LA/2022/CERT09

Initial Date of Granting 09/10/18  
Current Accreditation Cycle 2

Grant Date of Current Cycle 08/09/22  
Expiration Date 07/09/26

**University of the West Indies, Department of Pathology**  
Mona, Kingston 7

#### FIELD: Chemistry

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
1	Serum	Sodium	Ion selective Electrode	mmol/L
2	Serum	Potassium	Ion selective Electrode	mmol/L
3	Serum	Chloride	Ion selective Electrode	mmol/L
4	Serum	Bicarbonate	Spectrophotometry	mmol/L
5	Serum	Urea(BUN)	Spectrophotometry	mmol/L
6	Serum	Creatinine	Spectrophotometry	mmol/L
7	Plasma	Glucose	Spectrophotometry	mmol/L
8	Serum	Total Protein	Spectrophotometry	mmol/L
9	Serum	Albumin	Spectrophotometry	mmol/L
10	Serum	Globulin	Spectrophotometry	mmol/L
11	Serum	Direct Bilirubin	Spectrophotometry	umol/L

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12	Serum	Total Bilirubin	Spectrophotometry	umol/L
13	Serum	Alkaline Phosphatase (ALP)	Spectrophotometry	U/L
14	Serum	Gamma Glutamyl Transferase (GGT)	Spectrophotometry	U/L
15	Serum	Aspartate Transaminase (AST)	Spectrophotometry	U/L
16	Serum	Creatinine Phosphokinase (CPK)	Spectrophotometry	U/L
17	Serum	Lactate Dehydrogenase (LDH)	Spectrophotometry	U/L
18	Serum	Amylase	Spectrophotometry	U/L
19	Serum	Calcium	Spectrophotometry	mmol/L
20	Serum	Phosphorous	Spectrophotometry	mmol/L
21	Serum	Magnesium	Spectrophotometry	mmol/L

FIELD: Haematology				
#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
22	Whole Blood	TOTAL WBC	Flow Cytometry	10 <sup>9</sup> /L
23	Whole Blood	NEUTROPHILS	Flow Cytometry	%
24	Whole Blood	ABSOLUTE NEUTROPHILS	Flow Cytometry	10 <sup>9</sup> /L
25	Whole Blood	MONOCYTES	Flow Cytometry	%

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26	Whole Blood	ABSOLUTE MONOCYTES	Flow Cytometry	10 <sup>9</sup> /L
27	Whole Blood	EOSINOPHILS	Flow Cytometry	%
28	Whole Blood	ABSOLUTE EOSINOPHILS	Flow Cytometry	10 <sup>9</sup> /L
29	Whole Blood	BASOPHILS	Flow Cytometry	%
30	Whole Blood	ABSOLUTE BASOPHILS	Flow Cytometry	10 <sup>9</sup> /L
31	Whole Blood	HGB	Flow Cytometry	g/dL
32	Whole Blood	RBC	Flow Cytometry	10 <sup>12</sup> /L
33	Whole Blood	HCT	Flow Cytometry	L/L
34	Whole Blood	MCV	Flow Cytometry	fL
35	Whole Blood	MCH	Flow Cytometry	pg
36	Whole Blood	MCHC	Flow Cytometry	g/dL
37	Whole Blood	RDW	Flow Cytometry	%
38	Whole Blood	PLT	Flow Cytometry	10 <sup>9</sup> /L
39	Whole Blood	MPV	Flow Cytometry	fL
40	Whole Blood	WBC Differential (NEUTROPHILS)	Manual	%
41	Whole Blood	WBC Differential (LYMPHOCYTES)	Manual	%
42	Whole Blood	WBC Differential (MONOCYTES)	Manual	%
43	Whole Blood	WBC Differential (EOSINOPHILS)	Manual	%
44	Whole Blood	WBC Differential (BASOPHILS)	Manual	%

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45	Whole Blood /Plasma	PROTHROMBIN TIME (PT)	Automated Method	Seconds
46	Whole Blood	ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)	Automated Method	Seconds
47	Whole Blood	FACTOR VIII	Automated Method	IU/mL
48	Whole Blood	FACTOR IX	Automated Method	IU/mL
49	Whole Blood	VWF Ag	Automated Method	%
50	Whole Blood	VWF Ac	Automated Method	%

### FIELD: Flow Cytometry

#	SPECIMEN/ SAMPLE	EXAMINAION	METHOD	UNITS
51	Whole Blood	Immunophenotyping of Leukaemia/ Lymphoma	Flow Cytometry	N/A
52	Bone Marrow Aspirate	Immunophenotyping of Leukaemia/ Lymphoma	Flow Cytometry	N/A

### FIELD: Cytology

#	SPECIMEN/ SAMPLE	EXAMINATION	METHOD	UNITS
53	Pap Smear	Microscopic Screening	Papanicouleau Stain	N/A

**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):**