



RML - Quality Assurance Program (RML - QAP)



HEMATOLOGY

ALL METHOD REPORT

Cycle-10/2021
Round -5

Receiving by mail
Date: 02/10/2021

Lab Code: 2208

Complete Blood Count (CBC)

Parameters	No. of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	153	11.6	0.4	0.04	10.7-12.4	11.3	-0.6 ✓
WBC $\times 10^3/\mu\text{l}$	151	10.2	1.8	0.19	6.5-13.9	9.6	-0.3 ✓
RBC $\times 10^6/\mu\text{l}$	154	3.9	0.1	0.01	3.66-4.22	3.78	-1.1 ✓
Hct%	154	34.1	2.4	0.25	29.2-39.0	33.9	-0.1 ✓
MCV fl.	154	86.4	4.6	0.47	77.2-95.6	89.6	0.7 ✓
MCH pg.	154	29.4	1.0	0.10	27.4-31.4	29.9	0.5 ✓
MCHC gm/dl	154	34.1	2.4	0.24	29.3-38.9	33.4	-0.3 ✓
Platelet $\times 10^3/\mu\text{l}$	154	260.8	23.9	2.40	213.1-308.5	242	-0.8 ✓

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	P-15, L-78, E-1, M-5, B-1	L84.0-98.0, ProL2.0-20.6, P1.5-6.8, M1.0-2.3, E1.0-1.0
Morphology	Predominantly normocytic & normochromic RBC Some prolymphocytes seen Smudge cells seen, Small and mature lymphocyte are predominant leukocytes	Δ Smudge cells (97/126) Δ Normocytic/Normochromic (89/126) Δ Thrombocytopenia (72/126) Δ Lymphocytosis (62/126) Δ Leucocytosis (36/126)
Diagnosis	CLL/ Lymphoid Malignancy	Chronic Lymphocytic Leukemia (CLL)/ Chronic Lymphoproliferative Disorder

Legends	(*) Excluded From Group Mean	(.) Not Reported	(#) Late Result Submission	(\$) Reported in other Unit
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Chief Coordinator

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Checked By:

End of Report

Page 1 of 5

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