



RML – Quality Assurance Program (RML – QAP)



HEMATOLOGY

ALL METHOD REPORT

Cycle-11/2022

Round -2

Date: 05/04/2022

Lab Code: 2314

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	151	11.7	0.4	0.04	10.9-12.4	11.5	-0.5
WBC $\times 10^3/\mu\text{l}$.	151	10.1	2.4	0.24	5.3-14.8	6.5	-1.5
RBC $\times 10^6/\mu\text{l}$.	151	4.0	0.1	0.01	3.77-4.25	3.81	-1.9
Hct%	151	35.2	2.4	0.24	30.5-39.9	33.2	-0.8
MCV fl.	151	87.7	4.3	0.44	79.2-96.3	87.0	-0.2
MCH pg.	151	29.1	1.0	0.10	27.1-31.0	30.1	1.0
MCHC gm/dl	151	33.0	2.2	0.22	28.7-37.3	34.6	0.7
Platelet $\times 10^3/\mu\text{l}$.	151	260.5	18.5	1.88	223.6-297.5	224	-2.0

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	Bl-60, Pmyelo-1, Myelo-6, Mmyelo-6, S-4, P-6, L-15, E-2	Bl-44.3-69.2, P-8.1-21.8, L-6.8-26.6 Pmyelo-0.1-10.7, M-1.1-5.5
Morphology	Normocytic Normochromic picture seen mainly	Δ Normocytic/Normochromic (107/123) Δ Thrombocytopenia (94/123) Δ Blasts (91/123) Δ Leukocytosis (55/123)
Diagnosis	Acute Leukemia? AML	Acute Leukemia/ Acute Myeloid Leukemia (AML)

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:

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Programme Director

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End of Report

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