



HEMATOLOGY
ALL METHOD REPORT

Lab Code: 2246

Cycle-11/2022
Round -2

Date: 05/04/2022

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	11.0	-1.8
WBC $\times 10^3/\mu\text{l}$.	151	10.1	2.4	0.24	5.3-14.8	7.6	-1.0
RBC $\times 10^6/\mu\text{l}$.	151	4.0	0.1	0.01	3.77-4.25	3.92	-0.8
Hct%	151	35.2	2.4	0.24	30.5-39.9	34.0	-0.5
MCV fl.	151	87.7	4.3	0.44	79.2-96.3	86.5	-0.3
MCH pg.	151	29.1	1.0	0.10	27.1-31.0	28.1	-1.0
MCHC gm/dl	151	33.0	2.2	0.22	28.7-37.3	32.4	-0.3
Platelet $\times 10^3/\mu\text{l}$.	151	260.5	18.5	1.88	223.6-297.5	255	-0.3

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-42, P-32, L-21, M-5	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	RBC- Normocytic Normochromic WBC- Myeloblast with 2-3 prominent nuclei noted. Platelets-appears reduced in number	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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Programme Director

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****End of Report****

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