



## HEMATOLOGY

### ALL METHOD REPORT

Lab Code: 2352

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 ( $\pm 2$ SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	151	11.7	0.4	0.04	10.9-12.4	11.8	0.3
WBC $\times 10^3/\mu\text{l}$ .	151	10.1	2.4	0.24	5.3-14.8	11.9	0.8
RBC $\times 10^6/\mu\text{l}$ .	151	4.0	0.1	0.01	3.77-4.25	3.98	-0.2
Hct%	151	35.2	2.4	0.24	30.5-39.9	35.6	0.2
MCV fl.	151	87.7	4.3	0.44	79.2-96.3	89.4	0.4
MCH pg.	151	29.1	1.0	0.10	27.1-31.0	29.7	0.6
MCHC gm/dl	151	33.0	2.2	0.22	28.7-37.3	33.3	0.1
Platelet $\times 10^3/\mu\text{l}$ .	151	260.5	18.5	1.88	223.6-297.5	267	0.4

#### Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	$\geq 3$
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	B1-85, Myelo-1, Mmyelo-1, S-1, p-6, L-3, E-1, M-2, nRBC-1	B1-44.3-69.2, P-8.1-21.8, L-6.8-26.6 Pmyelo-0.1-10.7, M-1.1-5.5
Morphology	RBCs are normocytic normochromic WBCs are increased in number with presence of blasts of myeloid origin with moderate cytoplasm and prominent 2-3 nucleoli. platelets are reduced in number and present singly	$\Delta$ Normocytic/Normochromic (107/123) $\Delta$ Thrombocytopenia (94/123) $\Delta$ Blasts (91/123) $\Delta$ Leukocytosis (55/123)
Diagnosis	Acute Leukemia Myeloid origin	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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**\*\*End of Report\*\***

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