



HEMATOLOGY

ALL METHOD REPORT

Cycle-11/2022
Round -1

Date: 21/02/2022

Lab Code: 2187

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	113	11.7	0.4	0.05	10.9-12.5	11.9	0.5
WBC $\times 10^3/\mu\text{l}$.	113	9.8	2.7	0.32	4.4-15.2	6.3	-1.3
RBC $\times 10^6/\mu\text{l}$.	114	4.0	0.2	0.02	3.68-4.28	3.96	-0.2
Hct%	113	35.6	2.8	0.33	30.0-41.2	38.0	0.9
MCV fl.	114	89.5	4.9	0.57	79.8-99.2	95.9	1.3
MCH pg.	113	29.4	1.0	0.12	27.4-31.4	30.0	0.6
MCHC gm/dl	113	32.8	2.4	0.28	28.0-37.6	31.3	-0.6
Platelet $\times 10^3/\mu\text{l}$.	114	259.9	19.3	2.26	221.4-298.4	244	-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	Bl-1, Pmyelo-2, Myelo-37, Mmyelo-24, S-10, P-10, P-20, L-2, B-4	Myelo-10.8-33.9, P-10.3-42.8, Mmyelo-6.7-19.9, S-5.7-20.2, Pmyelo-1.7-12.4
Morphology	Normocytic Normochromic	Δ Normocytic/Normochromic (64/107) Δ Thrombocytosis (55/107) Δ Leukocytosis (45/107)
Diagnosis	Chronic Myeloid Leukemia	Chronic Myeloproliferative Disorder likely CML in Chronic Phase/ Chronic Myeloid Leukemia- Chronic Phase

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:

Programme Director

Dr. Bandana Mehrotra

****End of Report****

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