



RML - Quality Assurance Program (RML - QAP)



HEMATOLOGY ALL METHOD REPORT

Lab Code: 2518

Cycle-11/2022
Round -6

Date: 20/10/2022

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	236	11.4	0.4	0.03	10.7-12.2	11.2 ✓	-0.5
WBC $\times 10^3/\mu\text{l}$.	234	10.8	2.1	0.17	6.7-14.9	11.5 ✓	0.3
RBC $\times 10^6/\mu\text{l}$.	236	4.0	0.1	0.01	3.75-4.31	4.04 ✓	0.4
Hct%	236	35.4	2.3	0.19	30.8-40.0	33.2 ✓	-1.0
MCV fl.	236	87.5	4.4	0.36	78.6-96.4	82.0 ✓	-1.3
MCH pg.	236	28.3	0.9	0.07	26.5-30.1	27.7 ✓	-0.7
MCHC gm/dl	236	32.4	2.0	0.16	28.4-36.4	33.7 ✓	0.7
Platelet $\times 10^3/\mu\text{l}$.	236	273.3	22.5	1.83	228.2-318.3	283 ✓	0.4

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-25, L-31, E-42, M-2	P-19.0-47.8 L-16.0-34.1 E-13.0-51.0 M-1.8-6.2
Morphology	RBC- predominantly normocytic normochromic, no hemoparasite seen, WBC- leucocytosis, eosinophilia, no immature cells noted, Extensive degeneration artifacts seen, Platelet adequate in smear with normal morphology	Δ Normocytic/ Normochromic (174/186) Δ Eosinophilia (161/186) Δ Thrombocytopenia (113/186) Δ Leukocytosis (98/186) Δ Gi... platelets (73/186)
Diagnosis	Leucocytosis with eosinophilia	Eosinophilic Leucocytosis

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

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Doc No: ASS/FR/06/R01/Dr 05.01.2022

Programme Director

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Reviewed
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****End of Report****

Score 100%

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