



# RML – Quality Assurance Program (RML – QAP)



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-10/2021  
Round -2

Lab Code: 1438

Date: 30/03/2021

#### 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	153	12.0	0.5	0.05	11.1-12.9	11.6	-0.9
WBC $\times 10^3/\mu\text{l}$ .	149	9.8	2.2	0.22	5.4-14.1	5.6	-1.9
RBC $\times 10^6/\mu\text{l}$ .	150	4.1	0.2	0.02	3.8-4.4	4.10	-0.1
Hct%	150	35.8	2.6	0.27	30.6-41.1	35.7	-0.1
MCV fl.	150	86.8	4.8	0.49	77.3-96.4	87.1	0.1
MCH pg.	150	29.2	1.1	0.11	27.0-31.3	28.3	-0.8
MCHC gm/dl	150	33.6	2.4	0.24	28.8-38.3	32.5	-0.4
Platelet $\times 10^3/\mu\text{l}$ .	150	247.2	22.7	2.31	201.9-292.5	248	0.0

#### 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	P-28, L-17, E-48, M-7	E26.1-64.8, P13.4-42.2, L11.9-28.8, M1.4-5.8
Morphology	Normocytic, Normochromic, Mild Anisocytosis, Occasional microcytes	$\Delta$ Normocytic/Normochromic (109/111), $\Delta$ Eosinophilia (95/111)
Diagnosis	Eosinophilia	Eosinophilia

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:

\*\*End of Report\*\*

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