



# RML- Quality Assurance Program (RML-QAP)



## HEMATOLOGY

### ALL METHOD REPORT

Lab Code: 3064

Cycle-12/2023

Round -5

Date: 31/10/2023

#### Complete Blood Count (CBC)

Parameters	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Hb gm/dl	338	11.7	0.4	0.02	11.0-12.5	12.0	0.7
WBC $\times 10^3/\mu\text{l}$	333	11.0	0.8	0.06	9.3-12.6	*8.5	-3.0
RBC $\times 10^6/\mu\text{l}$	336	4.1	0.1	0.01	3.9-4.3	4.08	0.1
Hct%	337	35.5	2.3	0.16	30.8-40.1	33.5	-0.8
MCV fl.	336	86.8	4.6	0.31	77.7-95.9	82.1	-1.0
MCH pg.	336	28.8	0.9	0.06	27.0-30.7	29.4	0.6
MCHC gm/dl	336	33.1	2.0	0.13	29.2-37.0	35.8	1.4
Platelet $\times 10^3/\mu\text{l}$	337	260.1	19.6	1.34	220.8-299.4	252	-0.4

#### Interpretation of Z Score:

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

#### Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	P- 52, L-10, E- 37, Mono- 01	P- 17.3-59.7, L- 8.7-24.3, E- 14.6-61.6, Mono- 1.2-4.8
Morphology	RBC are Normocytic Normochromic Cells	$\Delta$ Normocytic/Normochromic (283/302) $\Delta$ Eosinophilia (264/302) $\Delta$ Leukocytosis (212/302) $\Delta$ Thrombocytopenia (153/302)
Diagnosis	Leucocytosis with Eosinophilia with Thrombocytopenia	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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Dr. Bandana Mehrotra

Checked By:

Doc. No.: ASS / FR / 06 / R 01 / Dt.: 06.01.2022

**\*\*End of Report\*\***

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