



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY PEER GROUP REPORT HORIBA INSTRUMENTS- H500/H550 Cycle-12/2023

Lab Code: 3109

Round -5

Date: 24/11/2023

Complete Blood Count (CBC)

Parameters	Instrument Group	No.of Participants	Robust Mean	Robust Standard deviation (RSD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Hb gm/dl	Horiba	46	11.6	0.3	0.06	11.0-12.2	11.5	-0.3
WBC $\times 10^3/\mu\text{l}$.	Horiba	45	8.1	1.2	0.22	5.7-10.5	8.3	0.2
RBC $\times 10^6/\mu\text{l}$.	Horiba	46	4.2	0.2	0.04	3.8-4.5	4.06	-0.7
Hct%	Horiba	46	34.5	1.6	0.29	31.3-37.8	34.6	0.1
MCV fl.	Horiba	46	83.0	2.3	0.42	78.5-87.6	85.4	1.0
MCH pg.	Horiba	46	28.2	0.9	0.17	26.5-29.9	28.3	0.1
MCHC gm/dl	Horiba	46	33.9	1.3	0.24	31.3-36.5	33.1	-0.6
Platelet $\times 10^3/\mu\text{l}$.	Horiba	46	268.9	19.0	3.50	231.0-306.9	279	0.5

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

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

Dr. Sanjay Mehrotra

Checked By:

Programme Director

Dr. Bandana Mehrotra

****End of Report****

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