



# RML- Quality Assurance Program (RML-QAP)



## HEMATOLOGY PEER GROUP REPORT HORIBA INSTRUMENTS- H500/H550 Cycle-12/2023 Round -5

Lab Code: 3113

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 ( $\pm 2$ SD)	Your Value	Z Score
Hb gm/dl	Horiba	46	11.6	0.3	0.06	11.0-12.2	*10.4	-4.0
WBC $\times 10^3/\mu\text{l}$ .	Horiba	45	8.1	1.2	0.22	5.7-10.5	6.2	-1.6
RBC $\times 10^6/\mu\text{l}$ .	Horiba	46	4.2	0.2	0.04	3.8-4.5	3.76	-2.2
Hct%	Horiba	46	34.5	1.6	0.29	31.3-37.8	32.1	-1.5
MCV fl.	Horiba	46	83.0	2.3	0.42	78.5-87.6	85.5	1.1
MCH pg.	Horiba	46	28.2	0.9	0.17	26.5-29.9	27.7	-0.6
MCHC gm/dl	Horiba	46	33.9	1.3	0.24	31.3-36.5	32.4	-1.2
Platelet $\times 10^3/\mu\text{l}$ .	Horiba	46	268.9	19.0	3.50	231.0-306.9	244	-1.3

### 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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Address: B-171, Nirala Nagar, Lucknow-226020 Ph.: 4034100-130 (30 Lines), 4077180, 2788444 Fax: (0522)2788555  
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

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