

**HEMATOLOGY**

**PEER GROUP REPORT**

HORIBA INSTRUMENTS- H550/H1500

Cycle-13/2024

Lab Code: 3345

Round -04

Date: 31/08/2024

**Complete Blood Count (CBC)**

Parameters	Instrument Group	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Hb gm/dl	Horiba-H550/H1500	53	11.9	0.4	0.07	11.2-12.7	11.8	-0.3
WBC $\times 10^3/\mu\text{l}$ .	Horiba-H550/H1500	53	8.0	0.8	0.14	6.5-9.6	8.7	0.8
RBC $\times 10^6/\mu\text{l}$ .	Horiba-H550/H1500	53	4.2	0.1	0.02	3.9-4.4	4.24	0.5
Hct%	Horiba-H550/H1500	53	34.8	1.1	0.18	32.6-36.9	34.5	-0.2
MCV fl.	Horiba-H550/H1500	53	83.7	1.9	0.33	79.8-87.5	81.4	-1.2
MCH pg.	Horiba-H550/H1500	53	28.7	0.8	0.14	27.1-30.3	28.0	-0.9
MCHC gm/dl	Horiba-H550/H1500	53	34.2	1.2	0.20	31.8-36.5	34.4	0.2
Platelet $\times 10^3/\mu\text{l}$ .	Horiba-H550/H1500	53	334.7	24.7	4.24	285.3-384.0	349	0.6

**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

Programme Director



Dr. Bandana Mehrotra

Prepared By: DP

Checked By: 

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