



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

ALL METHOD REPORT

Lab Code: 3221

Cycle-13/2024
Round -2

Date: 30/04/2024

Complete Blood Count (CBC)

Parameters	No.of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Hb gm/dl	240	11.4	0.3	0.02	10.7-12.0	11.2	-0.7
WBC $\times 10^3/\mu\text{l}$	240	11.5	0.7	0.06	10.1-13.0	*7.92	-5.1
RBC $\times 10^6/\mu\text{l}$	240	3.9	0.1	0.01	3.7-4.1	4.06	1.6
Hct%	240	34.3	2.2	0.18	29.9-38.7	35.6	0.6
MCV fl.	240	87.0	4.3	0.35	78.3-95.7	87.5	0.1
MCH pg.	240	28.9	1.0	0.08	27.0-30.8	27.6	-1.3
MCHC gm/dl	240	33.3	1.7	0.14	29.8-36.7	31.6	-1.0
Platelet $\times 10^3/\mu\text{l}$	240	250.2	21.3	1.72	207.5-292.8	242	-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

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

Checked By:

Prepared by: PS

****End of Report****

Doc. No.: ASS/FR/06/R01/Dt.: 05.01.2022

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Research Foundation

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RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

PEER GROUP REPORT

HORIBA INSTRUMENT- H500

Cycle-13/2024

Lab Code: 3221

Round -02

Date: 30/04/2024

Complete Blood Count (CBC)

Parameters	Instrument Group	No.of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Hb gm/dl	Horiba-H500	13	11.1	0.2	0.07	10.7-11.6	11.2	0.5
WBC $\times 10^3/\mu\text{l}$.	Horiba-H500	13	7.7	1.0	0.35	5.7-9.8	7.9	0.2
RBC $\times 10^6/\mu\text{l}$.	Horiba-H500	13	3.9	0.1	0.03	3.7-4.1	4.06	1.1
Hct%	Horiba-H500	13	33.4	2.3	0.80	28.8-38.1	35.6	1.0
MCV fl.	Horiba-H500	13	83.9	2.6	0.90	78.8-89.1	87.5	1.4
MCH pg.	Horiba-H500	13	28.3	0.6	0.21	27.0-29.6	27.6	-1.2
MCHC gm/dl	Horiba-H500	13	33.7	1.5	0.52	30.8-36.6	31.6	-1.4
Platelet $\times 10^3/\mu\text{l}$.	Horiba-H500	13	246.2	15.5	5.37	215.1-277.2	242	-0.3

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

Programme Director

Dr. Bandana Mehrotra

Checked By:

Prepared By: PS

****End of Report****

Doc. No.: ASS / FR / 06B / R 01 / Dt: 20.02.2024



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