



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-12/2023

Round -3

Lab Code: 2877

Date: 30/06/2023

#### 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	289	11.6	0.4	0.03	10.8-12.4	12.0	1.0
WBC $\times 10^3/\mu\text{l}$ .	287	11.3	0.7	0.05	9.9-12.7	11.4	0.1
RBC $\times 10^6/\mu\text{l}$ .	287	4.0	0.1	0.01	3.8-4.2	4.23	2.3
Hct%	286	35.1	2.4	0.18	30.4-39.8	39.2	1.7
MCV fl.	286	86.9	4.9	0.36	77.1-96.7	92.7	1.2
MCH pg.	286	28.9	1.0	0.07	26.9-31.0	28.4	-0.5
MCHC gm/dl	286	33.1	2.1	0.16	28.9-37.3	30.6	-1.2
Platelet $\times 10^3/\mu\text{l}$ .	287	263.1	19.3	1.42	224.6-301.6	239	-1.2

#### 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-56.7-84.2, L-6.6-25.7, E-1.1-4.6, Mono- 1.1-4.5
Morphology	-	$\Delta$ Thrombocytosis (208/289) $\Delta$ Normocytic/ Normochromic (184/289) $\Delta$ Leukocytosis (173/289) $\Delta$ Microcytic/Microcytosis/Microcytes (126/289) $\Delta$ Hypochromia/Hypochromic (105/289)
Diagnosis	-	Thrombocytosis/Thrombocythemia/ Essential Thrombocytosis

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

Doc. No.: ASS / FR / 06 / R 01 / Dt.: 05.01.2022

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

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## HEMATOLOGY METHOD WISE REPORT

Cycle-12/2023  
Round -3

Date: 30/06/2023

Lab Code: 2877

Note: @ parameter is not the part of this Method Group

### Complete Blood Count (CBC)

Parameters	Method Group	No.of Participants	Method Wise Robust Mean	Method Wise Robust Standard deviation (SD)	Method Wise Uncertainty of Assign Values	Method Wise Range ( $\pm 2$ SD)	Your Value	Method Wise Z Score
Hb gm/dl	Photometric	182	11.6	0.4	0.04	10.8-12.3	12.0	1.0
WBC $\times 10^3/\mu\text{l}$ .	Electrical impedance	164	11.4	0.7	0.07	10.0-12.7	11.4	0.0
RBC $\times 10^6/\mu\text{l}$ .	Electrical impedance	182	4.0	0.1	0.01	3.8-4.24	4.23	2.3
Hct%	Calculated	177	35.2	2.3	0.22	30.5-39.8	39.2	1.7
MCV fl. @	Calculated	122	86.8	5.5	0.62	75.9-97.8	-	-
MCH pg.	Calculated	184	28.8	1.0	0.09	26.9-30.8	28.4	-0.4
MCHC gm/dl@	Calculated	187	33.1	2.1	0.19	29.0-37.3	-	-
Platelet $\times 10^3/\mu\text{l}$ . @	Electrical impedance	177	263.3	18.7	1.76	225.8-300.8	-	-

### 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

Programme Director

Dr.Sanjay Mehrotra

Dr.Bandana Mehrotra

Checked By:

\*\*End of Report\*\*

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