



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-10/2021

Round -2

Date: 30/03/2021

Lab Code: 2188

#### Complete Blood Count (CBC)

Parameters	No. of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	153	12.0	0.5	0.05	11.1-12.9	*24.3	27.4
WBC $\times 10^3/\mu\text{l}$ .	149	9.8	2.2	0.22	5.4-14.1	17.8	3.7
RBC $\times 10^6/\mu\text{l}$ .	150	4.1	0.2	0.02	3.8-4.4	*8.02	24.4
Hct%	150	35.8	2.6	0.27	30.6-41.1	*71.5	13.5
MCV fl.	150	86.8	4.8	0.49	77.3-96.4	89.1	0.5
MCH pg.	150	29.2	1.1	0.11	27.0-31.3	30.3	1.0
MCHC gm/dl	150	33.6	2.4	0.24	28.8-38.3	34.0	0.2
Platelet $\times 10^3/\mu\text{l}$ .	150	247.2	22.7	2.31	201.9-292.5	262	0.7

#### Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	$\geq 3$
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

#### Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	P-20, L-26, E-52, M-2	E26.1-64.8, P13.4-42.2, L11.9-28.8, M1.4-5.8
Morphology	Normocytic Normochromic, Eosinophilia	$\Delta$ Normocytic/Normochromic (109/111), $\Delta$ Eosinophilia (95/111)
Diagnosis	Eosinophilia	Eosinophilia

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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**HEMATOLOGY**  
**METHOD WISE REPORT**

Lab Code: 2188

Cycle-10/2021  
Round - 2

Date: 30/03/2021

**Complete Blood Count (CBC)**

Parameters	Method Group	No.of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	55	11.9	0.3	0.06	11.2-12.6	*24.3	37.6
WBC $\times 10^3/\mu\text{l}$ .	Electrical impedance	61	10.3	1.1	0.17	8.2-12.4	*17.8	7.0
RBC $\times 10^6/\mu\text{l}$ .	Electrical impedance	60	4.1	0.1	0.02	3.8-4.4	*8.02	28.1
Hct%	Calculated	49	35.9	2.7	0.48	30.5-41.3	*71.5	13.2
MCV fl.	Electrical impedance	35	87.5	4.1	0.86	79.4-95.7	89.1	0.4
MCH pg.	Calculated	63	29.2	0.9	0.15	27.3-31.1	30.3	1.2
MCHC gm/dl	Calculated	65	33.3	2.6	0.40	28.2-38.5	34.0	0.3
Platelet $\times 10^3/\mu\text{l}$ .	Electrical impedance	54	245.4	22.6	3.84	200.3-290.6	282	0.7

**Interpretation of SDI:**

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	$\geq 3$
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

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

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

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