



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-12/2023

Round -3

Lab Code: 2894

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	11.3	-0.7
WBC $\times 10^3/\mu\text{l}$ .	287	11.3	0.7	0.05	9.9-12.7	11.1	-0.3
RBC $\times 10^6/\mu\text{l}$ .	287	4.0	0.1	0.01	3.8-4.2	3.98	-0.2
Hct%	286	35.1	2.4	0.18	30.4-39.8	31.6	-1.5
MCV fl.	286	86.9	4.9	0.36	77.1-96.7	80.0	-1.4
MCH pg.	286	28.9	1.0	0.07	26.9-31.0	28.6	-0.3
MCHC gm/dl	286	33.1	2.1	0.16	28.9-37.3	36.2	1.5
Platelet $\times 10^3/\mu\text{l}$ .	287	263.1	19.3	1.42	224.6-301.6	260	-0.2

#### 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	S-05, P-75, L-18, Mono-02	P-56.7-84.2, L-6.6-25.7, E-1.1-4.6, Mono- 1.1-4.5
Morphology	RBC- Normocytic Normochromic with Microcytic forms. WBC- Leucocytosis. Platelets- Increase , Parasite- Nil	$\Delta$ Thrombocytosis (208/289) $\Delta$ Normocytic/ Normochromic (184/289) $\Delta$ Leukocytosis (173/289) $\Delta$ Microcytic/Microcytosis/Microcytes (126/289) $\Delta$ Hypochromia/Hypochromic (105/289)
Diagnosis	Microcytic Hypochromic Anemia, Leucocytosis, Reactive Thrombocytosis	Thrombocytosis/Thrombocythemia/ Essential Thrombocytosis

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:

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

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

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# RML- Quality Assurance Program (RML-QAP)



## HEMATOLOGY

### METHOD WISE REPORT

Cycle-12/2023

Round -3

Lab Code: 2894

Date: 30/06/2023

Note: Your lab 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	-	-
WBC $\times 10^3/\mu\text{l}$ .	Electrical impedance	164	11.4	0.7	0.07	10.0-12.7	-	-
RBC $\times 10^6/\mu\text{l}$ .	Electrical impedance	182	4.0	0.1	0.01	3.8-4.24	-	-
Hct%	Calculated	177	35.2	2.3	0.22	30.5-39.8	-	-
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	-	-
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:

Prepared By: LG

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

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



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## Urine Routine Analysis

### ALL METHOD REPORT

Lab Code: 2894

Cycle - 12/2023  
Round No -06

Date: 30/06/2023

Parameters	Units	No.of. Participants	Consensus		Consensus Result	Your Value	Remark
			Number	%			
Specific Gravity	-	312	286	92%	1.010-1.020	1.020	Within consensus
pH	-	312	277	89%	6.0	6.0	Within consensus
Leukocytes	/μl	305	302	99%	Negative	Negative	Within consensus
Nitrite	-	302	295	98%	Negative	Negative	Within consensus
Protein	mg/dl	311	303	97%	Negative	Negative	Within consensus
Glucose	mg/dl	312	307	98%	Negative	Negative	Within consensus
Ketones	-	311	307	99%	Negative	Negative	Within consensus
Urobilinogen	mg/dl	306	298	97%	Negative	Negative	Within consensus
Bilirubin	mg/dl	308	303	98%	Negative	Negative	Within consensus
Blood (Hemoglobin)	/μl	309	302	98%	Negative	Negative	Within consensus

Legends	≥ 60% Consensus	(*) Outside Consensus	(@) No Consensus	(.) Not Reported	(#)Late Result Submission
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared By: L.G.

Programme Director

Dr.Bandana Mehrotra

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