



# RML - Quality Assurance Program (RML - QAP)



## HEMATOLOGY METHOD WISE REPORT

Lab Code: 1990

Cycle-9/2020  
Round - 6

Date: 30/11/2020

Note: @ Parameters are not part of Method Group

### 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	51	12.1	0.5	0.09	11.1-13.1	12.6	1.0
WBC $\times 10^3/\mu$ l.	Electrical impedance	53	10.3	0.6	0.10	7.8-12.2	9.9	-0.7
RBC $\times 10^6/\mu$ l.	Electrical impedance	56	4.1	0.2	0.03	3.8-4.5	4.27	0.8
Hct%	Calculated	53	36.0	3.2	0.55	29.7-42.4	34.2	-0.6
MCV fl. @	Electrical impedance	37	86.0	6.2	1.28	73.5-98.5	-	-
MCH pg.	Calculated	58	29.5	0.9	0.14	27.7-31.2	29.5	0.0
MCHC gm/dl	Calculated	61	34.2	3.2	0.52	27.8-40.6	36.8	0.8
Platelet $\times 10^3/\mu$ l.	Electrical impedance	57	279.1	18.0	2.98	241.6-315.5	325	2.6

### 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	(S) Reported in other Unit
---------	------------------------------	------------------	----------------------------	----------------------------

Chief Coordinator

Dr. Sanjay Mehrotra

Programme Director

Dr. Bandana Mehrotra

Checked By:

\*\*End of Report\*\*

Page 2 of 5



Address: B-171, Nirala Nagar, Lucknow - 226 020. Ph. : 4034100-130 (30 Lines) 4077180, Fax : (0522)2788555

Email: rmlresearchfoundation@gmail.com

Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence

2788555



# RML - Quality Assurance Program (RML - QAP)



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-9/2020

Lab Code: 1990

Round -6

Date: 30/11/2020

#### 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	156	12.2	0.5	0.05	11.2-13.2	12.6	0.8
WBC $\times 10^3/\mu\text{l}$ .	155	9.9	1.5	0.15	6.9-12.9	9.9	0.0
RBC $\times 10^6/\mu\text{l}$ .	156	4.1	0.2	0.02	3.8-4.5	4.27	0.7
Hct%	156	35.8	3.2	0.32	29.5-42.1	34.2	-0.5
MCV fl.	155	86.4	5.5	0.55	75.4-97.4	80.1	-1.2
MCH pg.	155	29.5	1.0	0.10	27.6-31.5	29.5	0.0
MCHC gm/dl	155	34.3	2.7	0.27	28.9-39.7	36.8	0.9
Platelet $\times 10^3/\mu\text{l}$ .	156	275.8	22.7	2.27	230.5-321.1	325	2.2

#### 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	B1-2, Pmyelo-1, Myelo-25, Mmyelo-18, S-9, P38, L-2, E-3, M-1, B-1, nRBC-1	B10.8-4.2, Pro0.9-6.2, Myelo8.0-26.1, Mmyelo5.5-20.3, S4.9-19.9, P19.5-54.4, B0.8-3.6
Morphology	Microcytic Hypochromic. Crenated cells, Platelets abundant in no. Rouleaux formation	<ul style="list-style-type: none"> <li>Δ Normocytic/Normochromic (97/105),</li> <li>Δ Anisocytosis (51/105),</li> <li>Δ Microcytic/ Microcytosis (41/105),</li> <li>Δ Hypochromia/ Hypochromic (30/105),</li> <li>Δ Poikilocytosis (25/105)</li> </ul>
Diagnosis	Chronic Myeloid Leukemia	Chronic Myeloid Leukemia (CML)

Legends	(*) Excluded From Group Mean	{,} Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
---------	------------------------------	------------------	---------------------------	----------------------------

Chief Coordinator

Programme Director

Dr. Sanjay Mehrotra

Dr. Bandana Mehrotra

Checked By: