



RML – Quality Assurance Program (RML – QAP)



HEMATOLOGY

ALL METHOD REPORT

Cycle-10/2021

Lab Code: 1979

Round -4

Date: 31/07/2021

Complete Blood Count (CBC)

Parameters	No.of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	163	12.5	0.7	0.07	11.1-13.9	13.0	0.7
WBC $\times 10^3/\mu\text{l}$.	157	11.4	3.1	0.31	5.1-17.7	14.5	1.0
RBC $\times 10^6/\mu\text{l}$.	162	4.3	0.2	0.02	3.89-4.61	4.33	0.4
Hct%	162	37.9	2.9	0.29	32.0-43.7	39.9	0.7
MCV fl.	162	89.3	4.8	0.47	79.8-98.8	92.2	0.6
MCH pg.	162	29.5	1.0	0.10	27.5-31.5	30.0	0.5
MCHC gm/dl	162	33.0	2.6	0.25	27.8-38.1	32.5	-0.2
Platelet $\times 10^3/\mu\text{l}$.	162	290.3	26.1	2.56	238.2-342.5	331	1.6

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 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-75, L-20, E-2, M-3	P64.4-80.0, L9.7-23.8, M1.8-7.4, E1.1-4.9, S1.2-8.2
Morphology	Erythrocytosis, Platelet adequate, Platelet clumps	Δ Normocytic/Normochromic (80/85) Δ Thrombocytosis (43/85) Δ Leucocytosis (26/85) Δ Erythrocytosis (22/85)
Diagnosis	s/o Polycythemia vera	Myeloproliferative Disorder/Neoplasm/ Polycythemia Vera (P.V.)/ Essential Thrombocytosis (E.T.)

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:

End of Report

Page 1 of 5



Address: B-171, Nirala Nagar, Lucknow - 226 020. Ph. : 4034100-130 (30 Lines), 4077180, 2788444 Fax : (0522)2788555

Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence



RML- Quality Assurance Program (RML-QAP) - 2020
(Under RML Research Foundation Society)



Certificate Of Participation

LAB CODE - 1979

This is to certify that **Reliable Diagnostic Centre** has successfully participated in RML Quality Assurance Program-(Cycle-9, 2020), for

HEMATOLOGY

Research Foundation

Handwritten signature of Dr. Bandana Mehrotra.

Dr. Bandana Mehrotra
(Program Director)

Handwritten signature of Dr. Sanjay Mehrotra.

Dr. Sanjay Mehrotra
(Chief PT Coordinator)

Handwritten signature of Dr. Supriya Mehrotra.

Dr. Supriya Mehrotra
(PT Coordinator)