



PARTICIPANT ASSESSMENT REPORT

CYCLE - 11

JAN 2022 - DEC 2022

Provider

RML - QAP (Quality Assurance Program)
Under RML Research Foundation
B-171, Nirala Nagar,
Lucknow
India

Coordinator

Dr. Sanjay Mehrotra
Dr. Supriya Mehrotra/Mr. Jaimit Singh

Enclosed Reports :

- All Method Report
- Method Wise Participant Report
- Graphical Report
- Participants Complete Data Report

Contact us :-

Tel:- 0522-2788444, 2788666, 4034100,4077180, 7518077222

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





HEMATOLOGY

ALL METHOD REPORT

Cycle-11/2022

Round -1

Date: 21/02/2022

Lab Code: 2352

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	113	11.7	0.4	0.05	10.9-12.5	11.5	-0.5
WBC × 10 ³ /μl.	113	9.8	2.7	0.32	4.4-15.2	11.2	0.5
RBC × 10 ⁶ /μl.	114	4.0	0.2	0.02	3.68-4.28	3.90	-0.5
Hct%	113	35.6	2.8	0.33	30.0-41.2	35.6	0.0
MCV fl.	114	89.5	4.9	0.57	79.8-99.2	91.5	0.4
MCH pg.	113	29.4	1.0	0.12	27.4-31.4	29.0	-0.4
MCHC gm/dl	113	32.8	2.4	0.28	28.0-37.6	32.4	-0.2
Platelet × 10 ³ /μl.	114	259.9	19.3	2.26	221.4-298.4	271	0.6

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	Bl-2, Pmyelo-1, Myelo-26, Mmyelo-12, S-15, P-35, L-4, E-2, M-1, B-2. nRBC-2	Myelo-10.8-33.9, P-10.3-42.8, Mmyelo-6.7-19.9, S-5.7-20.2, Pmyelo-1.7-12.4
Morphology	RBCs are normocytic normochromic WBCs are markedly increased in number with shift to left of myeloid series with myelocyte peak. Mild basophilia present, Myeloblast 2%, Platelets are decreased in number	ΔNormocytic/Normochromic (64/107) ΔThrombocytosis (55/107) ΔLeukocytosis (45/107)
Diagnosis	Myeloproliferative Neoplasm- Chronic Myeloid Leukemia	Chronic Myeloproliferative Disorder likely CML in Chronic Phase/ Chronic Myeloid Leukemia- Chronic Phase

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

Chief Coordinator

Dr. Sanjay Mehrotra
Dr. Sanjay Mehrotra

Programme Director

Dr. Bandana Mehrotra
Dr. Bandana Mehrotra

Checked By:

****End of Report****

Page 1 of 5





HEMATOLOGY METHOD WISE REPORT

Lab Code: 2352

Cycle-11/2022
Round -1

Date: 21/02/2022

Note: Your lab is not the part of Method Group

Complete Blood Count (CBC)

Parameters	Method Group	No.of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	48	11.7	0.3	0.05	11.0-12.4	-	-
WBC × 10 ³ /μl.	Electrical impedance	51	9.9	2.8	0.49	4.3-15.4	-	-
RBC × 10 ⁶ /μl.	Electrical impedance	60	4.0	0.2	0.03	3.6-4.3	-	-
Hct%	Calculated	27	34.8	3.1	0.75	28.6-40.9	-	-
MCV fl.	Electrical impedance	34	88.6	5.1	1.09	78.4-98.7	-	-
MCH pg.	Calculated	62	29.5	1.0	0.16	27.5-31.5	-	-
MCHC gm/dl	Calculated	63	33.0	2.4	0.38	28.2-37.8	-	-
Platelet × 10 ³ /μl.	Electrical impedance	58	257.1	19.2	3.15	218.7-295.5	-	-

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

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

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared By: SS

Programme Director

Dr.Bandana Mehrotra

****End of Report****

Page 2 of 5

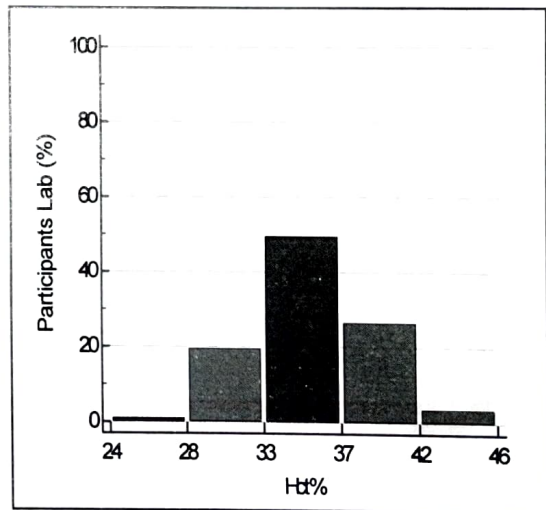
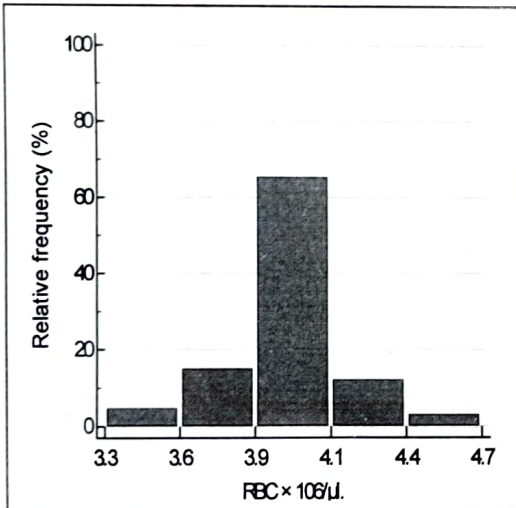
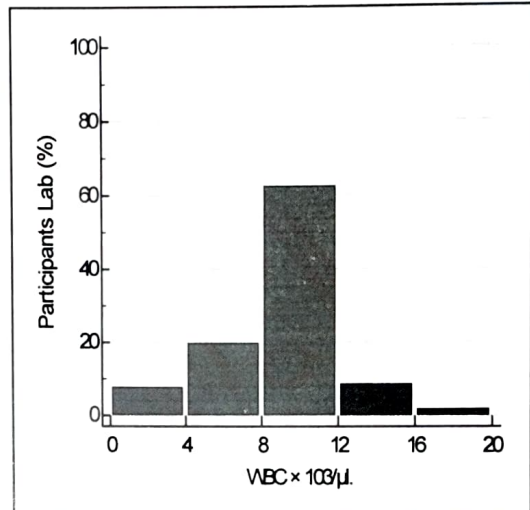
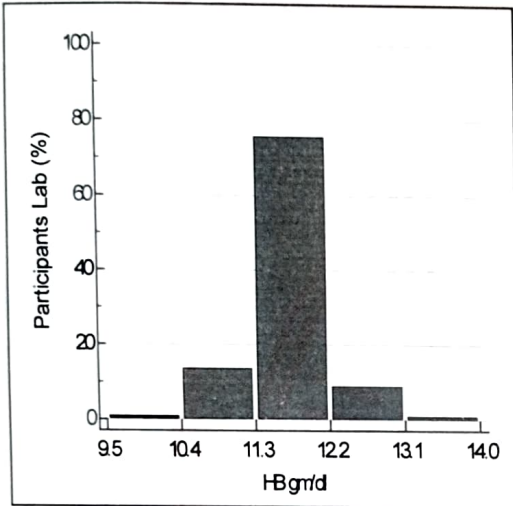


HEMATOLOGY

GRAPHICAL REPORT

**Cycle - 11/2022
Round -1**

Date: 21/02/2022



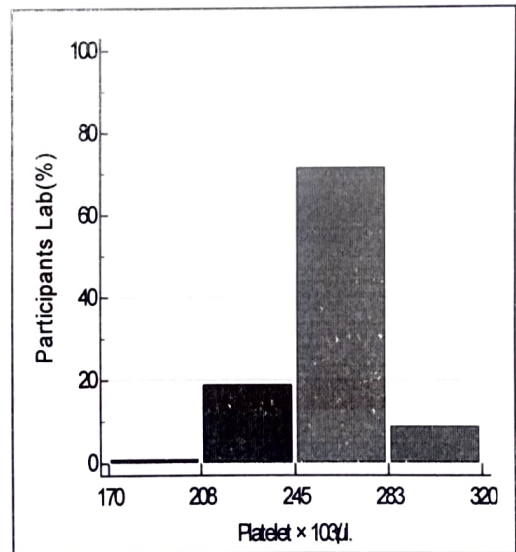
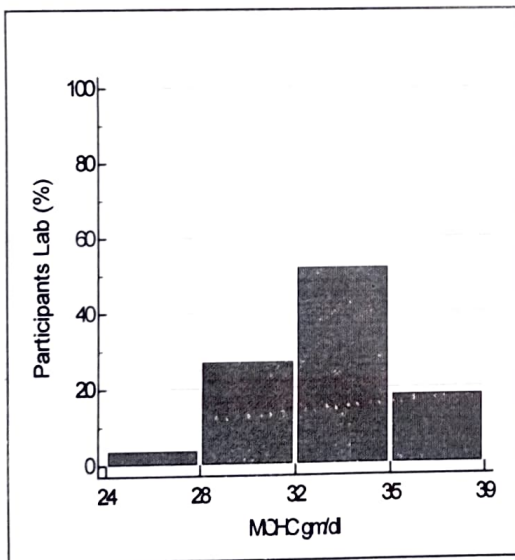
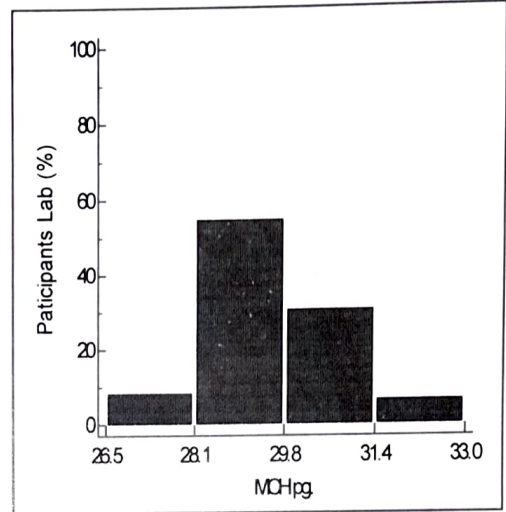
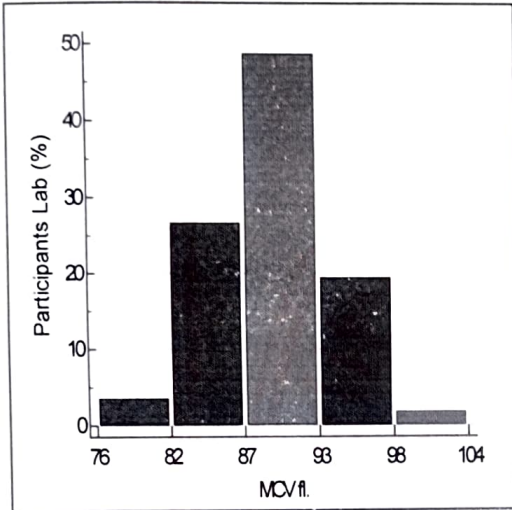


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 11/2022
Round -1

Date: 21/02/2022





Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022

Round No - 1

Date: 21/02/2022

Note:- This report is only for information about the participant's performance in the particular round

Parameters	Total No. of Participants	No. of Responses	No of Participant Excluded from Group Mean	No. of Participants SDI b/w 0.0 - 2	No. of Participants SDI b/w 2.1 - 2.9	No. of Participants SDI >3
Hb gm/dl	133	113	11	94	4	15
WBC × 10 ³ /μl.	133	113	7	95	9	9
RBC × 10 ³ /μl.	133	114	7	97	4	13
HCT%	133	113	5	99	5	9
MCV fl.	133	114	1	109	4	1
MCH pg.	133	113	5	102	4	7
MCHC gm/dl	133	113	1	107	4	2
Platelet × 10 ³ /μl.	133	113	2	103	6	4

****End of Report****

Page 5 of 5

