



# RML – Quality Assurance Program (RML – QAP)



## HEMATOLOGY METHOD WISE REPORT

Lab Code: 2472

Cycle-11/2022  
Round -4

Date: 01/08/2022

Note: @ parameter 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 ( $\pm 2SD$ )	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	57	11.6	0.4	0.07	10.7-12.5	12.1	1.3
WBC $\times 10^3/\mu\text{l}$	Electrical impedance	64	11.1	1.5	0.23	8.1-14.0	11.9	0.5
RBC $\times 10^6/\mu\text{l}$	Electrical impedance	74	4.0	0.2	0.03	3.7-4.3	4.38	1.9
Hct%	Calculated	38	35.3	2.7	0.55	30.0-40.6	36.7	0.5
MCV fl. @	Electrical impedance	40	87.2	4.8	0.95	77.6-96.8	-	-
MCH pg.	Calculated	75	28.8	1.0	0.14	26.8-30.8	27.6	-1.2
MCHC gm/dl	Calculated	80	33.0	2.1	0.29	28.8-37.3	33.0	0.0
Platelet $\times 10^3/\mu\text{l}$	Electrical impedance	72	265.9	21.9	3.23	222.2-309.6	268	0.1

### 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

Programme Director

Dr. Bandana Mehrotra

Checked By:

\*\*End of Report\*\*

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Prepared By: SS

Result found satisfactory



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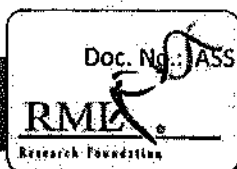
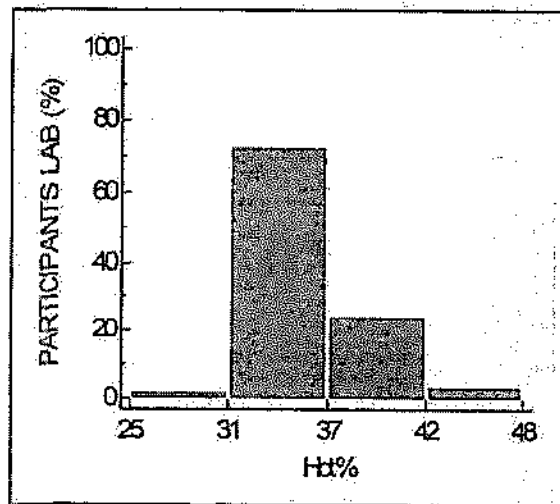
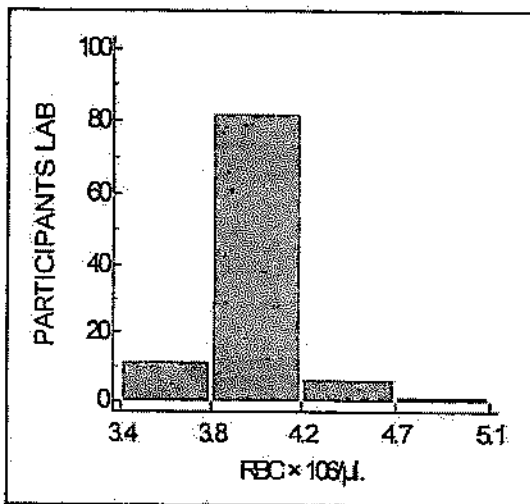
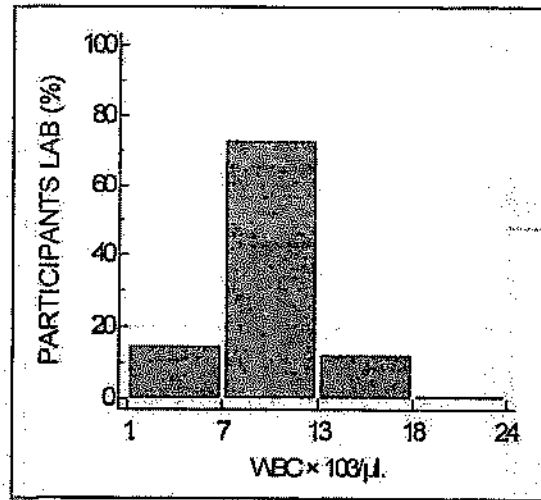
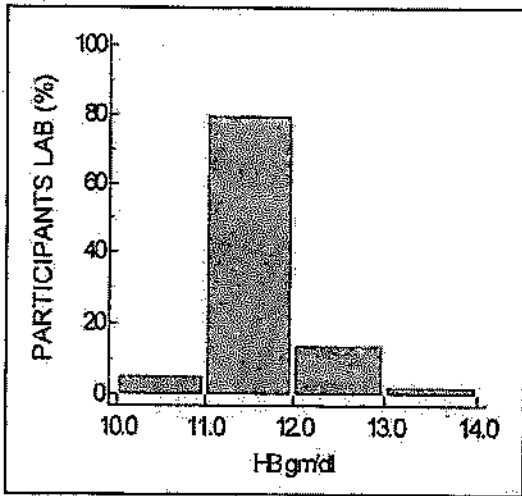
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**HEMATOLOGY**  
**GRAPHICAL REPORT**

Cycle - 11/2022  
Round -4

Date: 01/08/2022

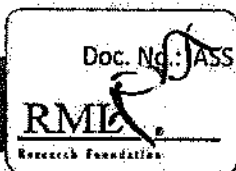
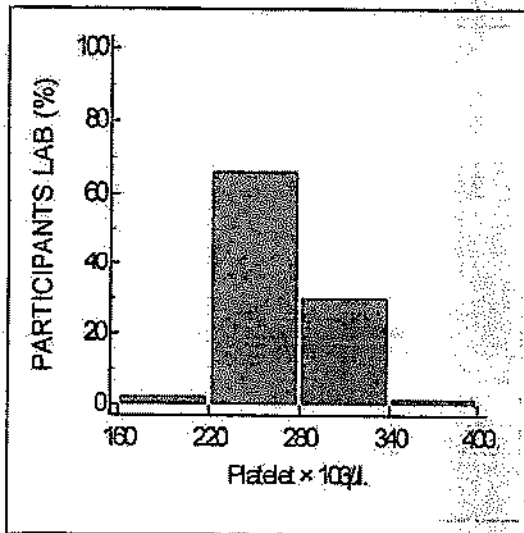
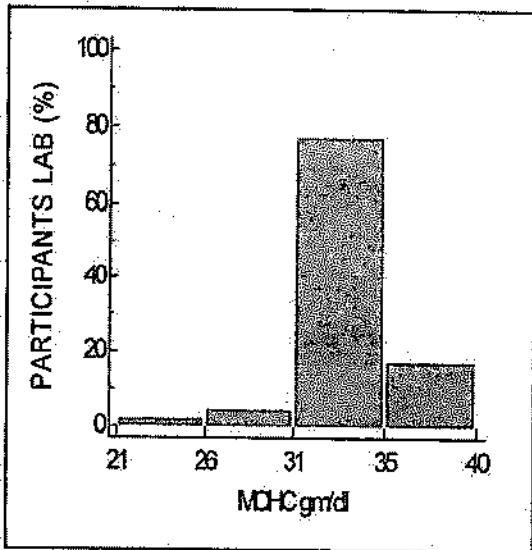
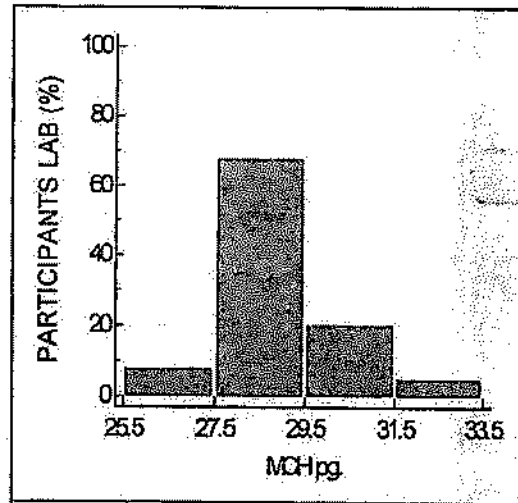
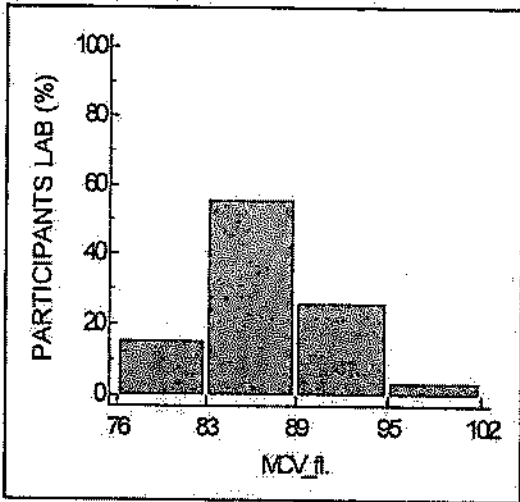




HEMATOLOGY  
GRAPHICAL REPORT

Cycle - 11/2022  
Round -4

Date: 01/08/2022





# RML – Quality Assurance Program (RML – QAP)



## Hematology

### ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022

Round No - 4

Date: 01/08/2022

**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	241	214	15	182	6	26
WBC $\times 10^3/\mu\text{l}$	241	212	8	188	14	10
RBC $\times 10^3/\mu\text{l}$	241	214	18	161	21	32
HCT%	241	213	6	195	5	13
MCV fl.	241	214	2	202	6	6
MCH pg.	241	214	5	192	11	11
MCHC gm/dl	241	214	1	198	9	7
Platelet $\times 10^3/\mu\text{l}$	241	214	5	195	9	10

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

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## HEMATOLOGY

### ALL METHOD REPORT

Cycle-11/2022

Round -4

Lab Code: 2472

Date: 01/08/2022

#### 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	214	11.6	0.4	0.03	10.8-12.4	12.1	1.3
WBC $\times 10^3/\mu\text{l}$	212	10.5	2.4	0.21	5.6-15.3	11.9	0.6
RBC $\times 10^6/\mu\text{l}$	214	4.0	0.1	0.01	3.74-4.30	4.38	3.8
Hct%	213	34.9	2.4	0.21	30.2-39.6	36.7	0.8
MCV fl.	214	86.8	4.2	0.36	78.5-95.2	83.6	-0.8
MCH pg.	214	28.8	1.0	0.09	26.8-30.8	27.6	-1.2
MCHC gm/dl	214	33.1	2.0	0.17	29.1-37.2	33.0	-0.1
Platelet $\times 10^3/\mu\text{l}$	214	269.3	22.6	1.93	224.0-314.5	268	-0.1

#### 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-21, L-75, E-0.5, M-3.5	L-66.0-84.7, P-11.8-24.7 ProL-3.0-13.3
Morphology	RBC- normocytic normochromic, prolymphocytes presents, lymphocytosis	$\Delta$ Normocytic/ Normochromic (161/184) $\Delta$ Smudge cells (150/184) $\Delta$ Lymphocytosis (129/184) $\Delta$ Leukocytosis (101/184) $\Delta$ Atypical cells (30/184)
Diagnosis	Chronic Lymphocytic Leukemia	Chronic Lymphocytic Leukemia (CLL), Chronic Lymphoproliferative Disorder (CLPD), Chronic Lymphoid Leukemia

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: *[Signature]*

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

Programme Director

Dr. Bandana Mehrotra

“End of Report”

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