



## HEMATOLOGY

### ALL METHOD REPORT

Cycle-11/2022

Round -4

Lab Code: 2545

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	11.9	0.8
WBC $\times 10^3/\mu\text{l}$ .	212	10.5	2.4	0.21	5.6-15.3	13.1	1.1
RBC $\times 10^6/\mu\text{l}$ .	214	4.0	0.1	0.01	3.74-4.30	4.04	0.4
Hct%	213	34.9	2.4	0.21	30.2-39.6	37.2	1.0
MCV fl.	214	86.8	4.2	0.36	78.5-95.2	92.0	1.2
MCH pg.	214	28.8	1.0	0.09	26.8-30.8	29.6	0.8
MCHC gm/dl	214	33.1	2.0	0.17	29.1-37.2	32.1	-0.5
Platelet $\times 10^3/\mu\text{l}$ .	214	269.3	22.6	1.93	224.0-314.5	302	1.4

#### 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-22, L-71, E-1, M-6	L-66.0-84.7, P-11.8-24.7 ProL-3.0-13.3
Morphology	RBCs normocytic normochromic with anisopoikilocytosis, WBC- moderate leukocytosis, predominant cells are lymphocytes, few prolymphocytes atypical lymphocytes seen, platelet adequate	$\Delta$ Normocytic/ Normochromic (161/184) $\Delta$ Smudge cells (150/184) $\Delta$ Lymphocytosis (129/184) $\Delta$ Leukocytosis (101/184) $\Delta$ Atypical cells (30/184)
Diagnosis	Chronic Lymphoproliferative Disorder (CLDL)	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:

Programme Director

Dr. Bandana Mehrotra

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

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

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## HEMATOLOGY METHOD WISE REPORT

Lab Code: 2545

Cycle-11/2022  
Round -4

Date: 01/08/2022

Note: Your lab is not the part of Method Group

### Complete Blood Count (CBC)

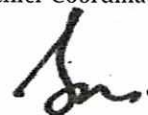
Parameters	Method Group	No. of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	57	11.6	0.4	0.07	10.7-12.5	-	-
WBC $\times 10^3/\mu\text{l}$ .	Electrical impedance	64	11.1	1.5	0.23	8.1-14.0	-	-
RBC $\times 10^6/\mu\text{l}$ .	Electrical impedance	74	4.0	0.2	0.03	3.7-4.3	-	-
Hct%	Calculated	38	35.3	2.7	0.55	30.0-40.6	-	-
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	-	-
MCHC gm/dl	Calculated	80	33.0	2.1	0.29	28.8-37.3	-	-
Platelet $\times 10^3/\mu\text{l}$ .	Electrical impedance	72	265.9	21.9	3.23	222.2-309.6	-	-

### 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	(\$) 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

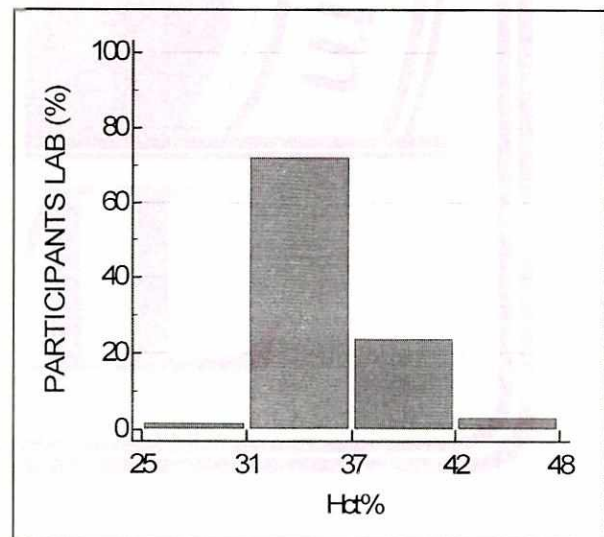
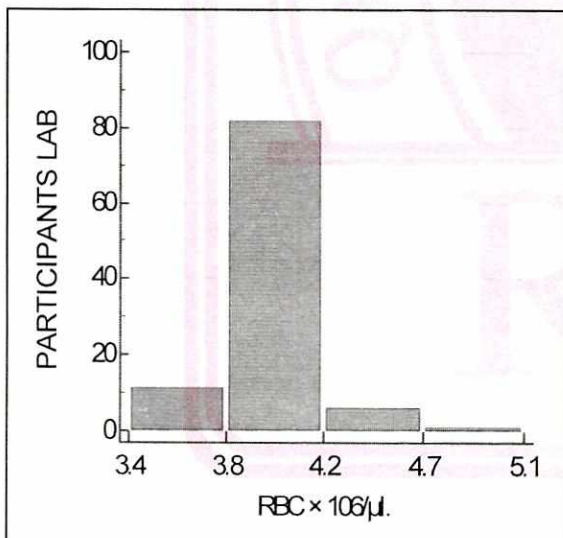
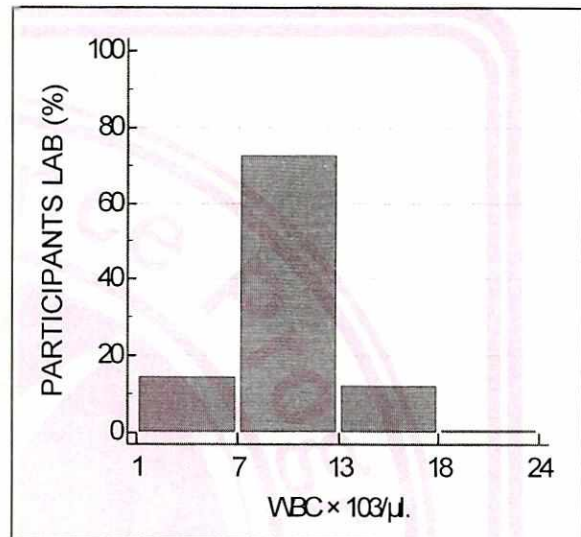
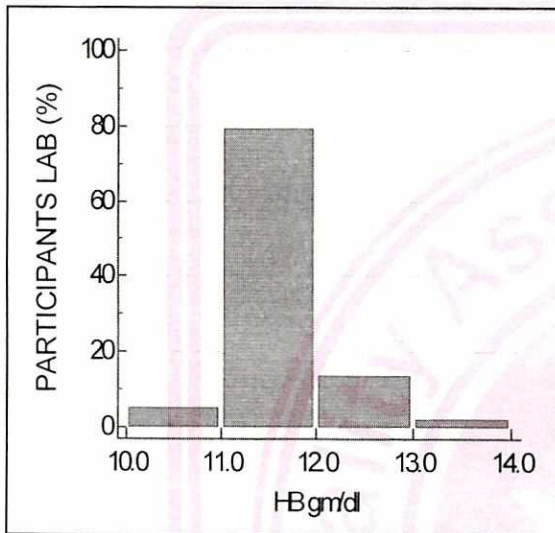
## HEMATOLOGY

### GRAPHICAL REPORT

Cycle - 11/2022

Round -4

Date: 01/08/2022



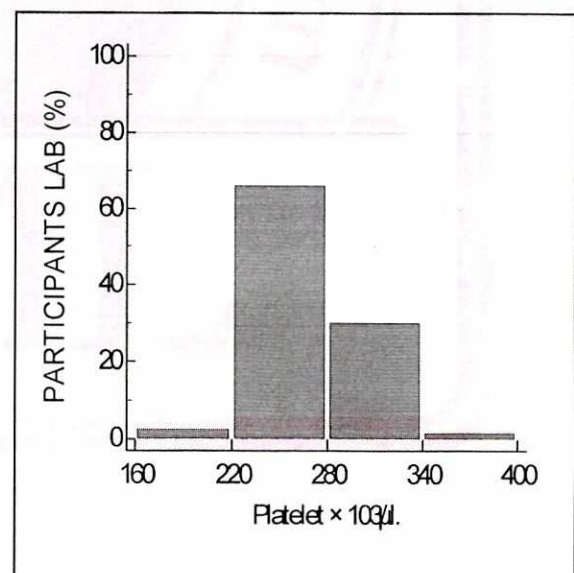
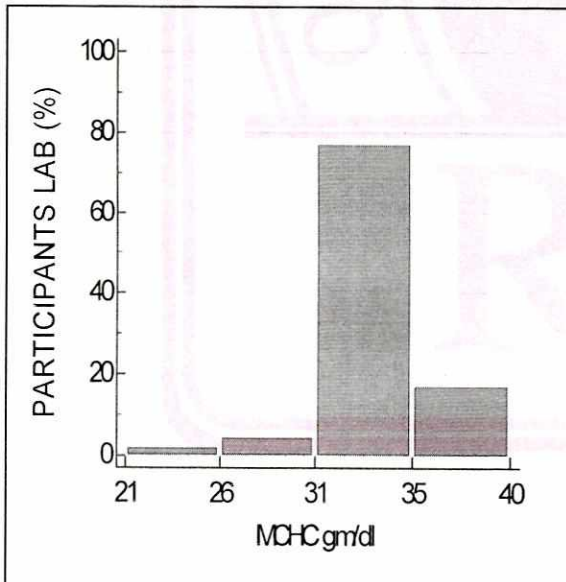
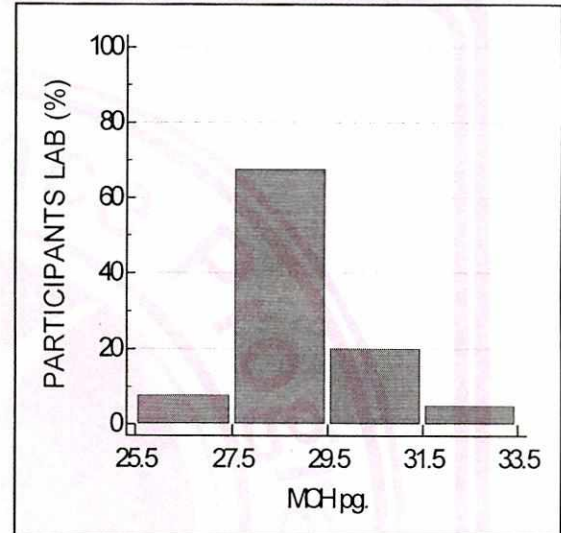
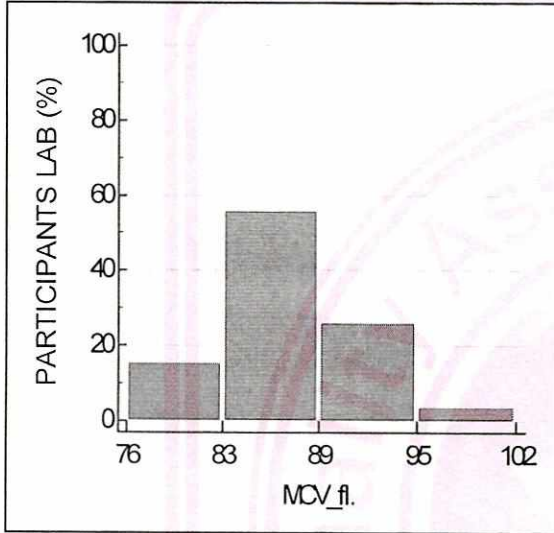
## HEMATOLOGY

### GRAPHICAL REPORT

Cycle - 11/2022

Round -4

Date: 01/08/2022





## 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 × 10 <sup>3</sup> /μl.	241	212	8	188	14	10
RBC × 10 <sup>3</sup> /μl.	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 × 10 <sup>3</sup> /μl.	241	214	5	195	9	10

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

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