



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

ALL METHOD REPORT

Cycle-12/2023

Round -5

Lab Code: 3085

Date: 31/10/2023

Complete Blood Count (CBC)

Parameters	No.of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Hb gm/dl	338	11.7	0.4	0.02	11.0-12.5	*12.8	3.0
WBC $\times 10^3/\mu\text{l}$.	333	11.0	0.8	0.06	9.3-12.6	12.3	1.6
RBC $\times 10^6/\mu\text{l}$.	336	4.1	0.1	0.01	3.9-4.3	4.11	0.4
Hct%	337	35.5	2.3	0.16	30.8-40.1	36.4	0.4
MCV fl.	336	86.8	4.6	0.31	77.7-95.9	88.5	0.4
MCH pg.	336	28.8	0.9	0.06	27.0-30.7	31.1	2.5
MCHC gm/dl	336	33.1	2.0	0.13	29.2-37.0	35.1	1.0
Platelet $\times 10^3/\mu\text{l}$.	337	260.1	19.6	1.34	220.8-299.4	248	-0.6

Interpretation of Z Score:

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	P- 23, L-30, E- 40, Mono- 05	P- 17.3-59.7, L- 8.7-24.3, E- 14.6-61.6, Mono- 1.2-4.8
Morphology	RBCs are predominantly Normocytic Normochromic, mild Anisopoikilocytosis. No nRbc, no Parasite seen.. WBC- Leucocytosis with increased Eosinophil count. Platelets- Adequate on smear	Δ Normocytic/Normochromic (283/302) Δ Eosinophilia (264/302) Δ Leukocytosis (212/302) Δ Thrombocytopenia (153/302)
Diagnosis	Leucocytosis with Eosinophilia	Eosinophilia

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:

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

End of Report

Programme Director

Dr. Bandana Mehrotra

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Continuous Efforts And Execution Leads To Quality Excellence



RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

METHOD WISE REPORT

Cycle-12/2023

Round -5

Lab Code: 3085

Date: 31/10/2023

Note: Your lab is not the part of this Method Group

Complete Blood Count (CBC)

Parameters	Method Group	No.of Participants	Method Wise Robust Mean	Method Wise Robust Standard deviation (SD)	Method Wise Uncertainty of Assign Values	Method Wise Range (± 2 SD)	Your Value	Method Wise Z Score
Hb gm/dl	Photometric	195	11.8	0.4	0.03	11.0-12.5	-	-
WBC $\times 10^3/\mu\text{l}$.	Electrical impedance	175	11.0	0.7	0.07	9.5-12.5	-	-
RBC $\times 10^6/\mu\text{l}$.	Electrical impedance	195	4.1	0.1	0.01	3.8-4.4	-	-
Hct%	Calculated	191	35.8	2.4	0.22	30.9-40.6	-	-
MCV fl.	Calculated	136	86.4	4.4	0.48	77.5-95.3	-	-
MCH pg.	Calculated	202	28.8	0.9	0.08	27.0-30.6	-	-
MCHC gm/dl	Calculated	205	33.0	1.6	0.14	29.7-36.2	-	-
Platelet $\times 10^3/\mu\text{l}$.	Electrical impedance	192	259.3	18.7	1.69	221.9-296.8	-	-

Interpretation of Z Score:

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

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:

Prepared By: SSK

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

Programme Director

Dr.Bandana Mehrotra

End of Report

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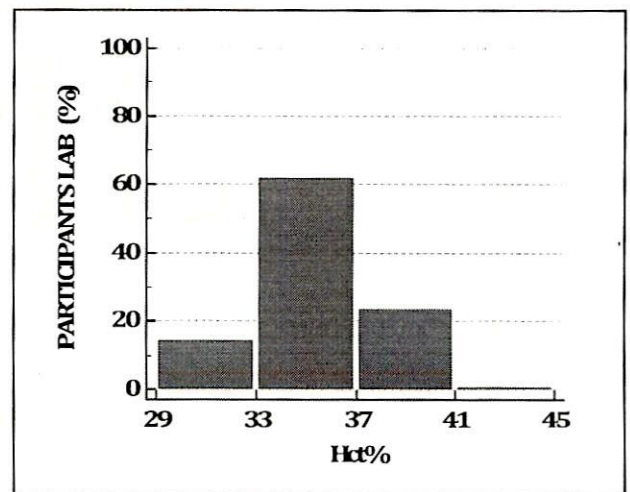
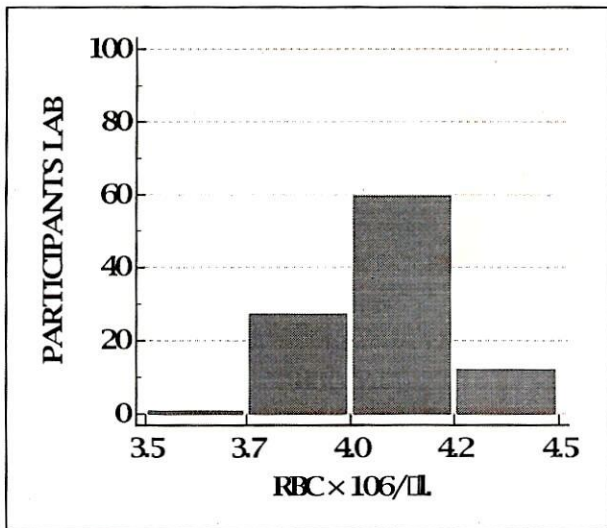
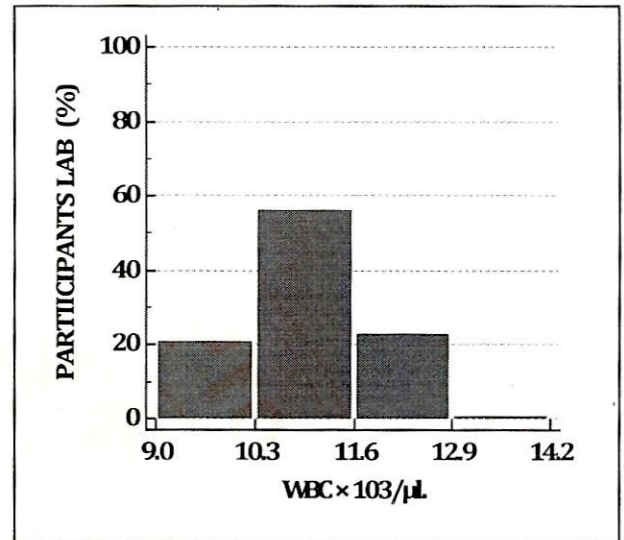
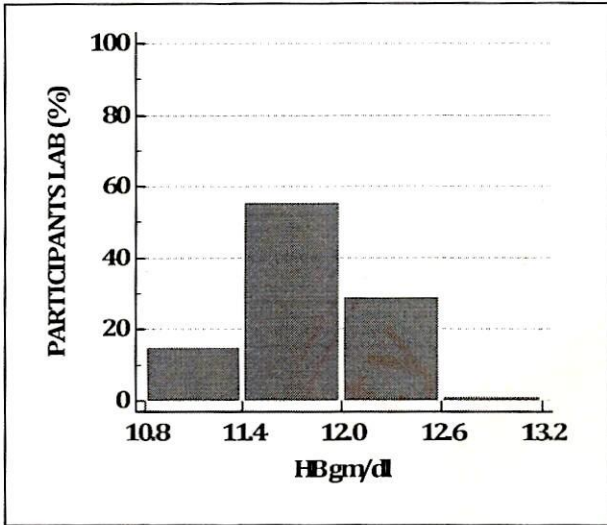
Continuous Efforts And Execution Leads To Quality Excellence

HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023
Round -5

Date: 31/10/2023



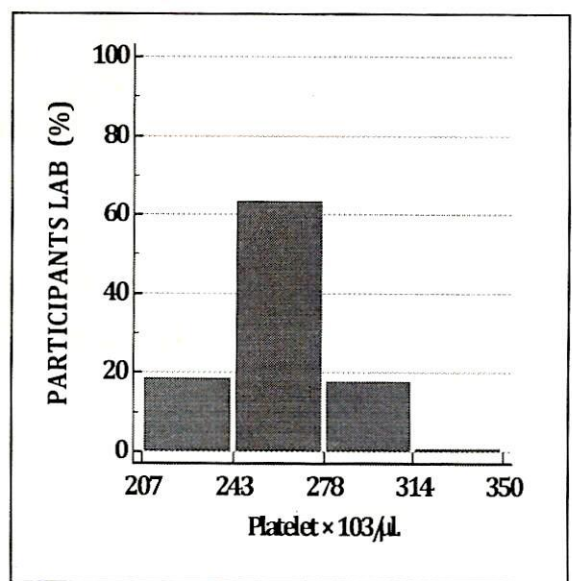
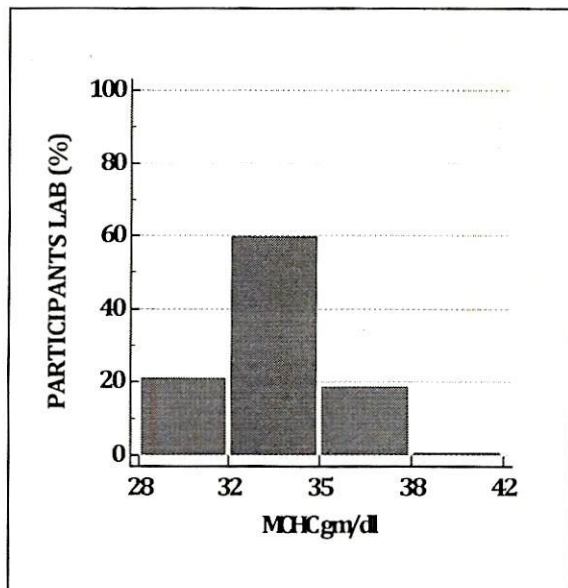
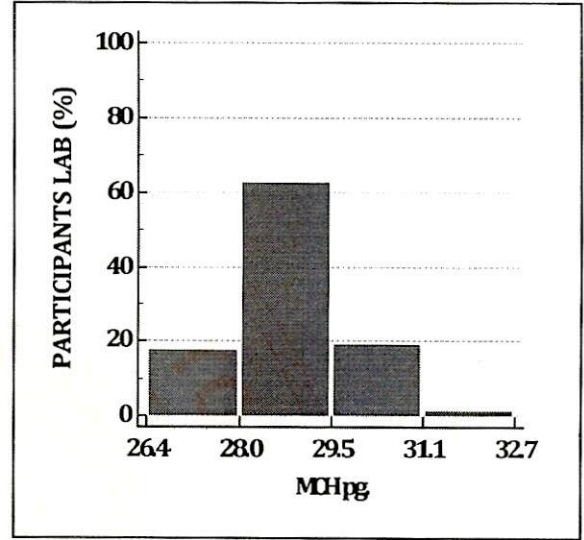
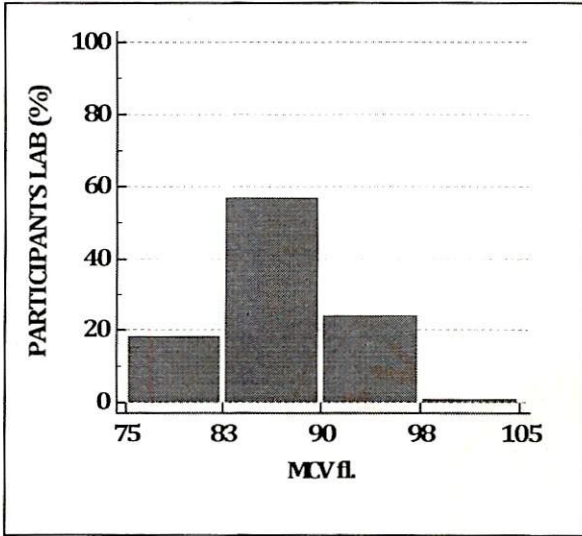


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023
Round -5

Date: 31/10/2023



Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No - 5

Date: 31/10/2023

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 Robust Group Mean	No. of Participants Z Score b/w 0.0 - 2	No. of Participants Z Score b/w 2.1 - 2.9	No. of Participants Z Score >3
Hb gm/dl	448	338	48	277	13	48
WBC × 10 ³ /μl.	448	333	106	212	15	106
RBC × 10 ³ /μl.	448	336	52	252	32	52
HCT%	448	337	18	303	16	18
MCV fl.	448	336	6	321	9	6
MCH pg.	448	336	17	294	25	17
MCHC gm/dl	448	336	10	302	24	10
Platelet × 10 ³ /μl.	448	337	18	300	19	18

****End of Report****

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