



RML – Quality Assurance Program (RML – QAP)



PARTICIPANT ASSESSMENT REPORT

CYCLE - 11

JAN 2021 - DEC 2021

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

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Continuous Efforts And Execution Leads To Quality Excellence



HEMATOLOGY

ALL METHOD REPORT

Cycle-10/2021

Round -6

Date: 29/12/2021

Lab Code: 2160

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	165	11.6	0.8	0.08	10.0-13.2	11.7	0.1
WBC × 10 ³ /μl.	161	9.8	2.3	0.23	5.2-14.5	9.8	0.0
RBC × 10 ⁶ /μl.	165	3.9	0.2	0.02	3.50-4.38	4.01	0.3
Hct%	164	34.9	3.3	0.32	28.3-41.5	34.0	-0.3
MCV fl.	165	88.3	4.8	0.47	78.6-98.0	85.0	-0.7
MCH pg.	165	29.5	1.0	0.10	27.5-31.5	29.1	-0.4
MCHC gm/dl	165	33.3	2.4	0.23	28.5-38.1	34.4	0.4
Platelet × 10 ³ /μl.	165	255.9	33.7	3.28	188.5-323.3	250	-0.2

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-24, L-73, E-01, M-02	P15.0-34.7, L-47.2-78.2, E0.9-3.1, M-1.8-7.4
Morphology	RBC- Normocytic Normochromic Platelets grossly reduced on smear	ΔNormocytic/Normochromic (96/103) ΔThrombocytopenia (85/103) ΔReactive Lymphocytosis (76/103)
Diagnosis	-	Thrombocytopenia

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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HEMATOLOGY METHOD WISE REPORT

Cycle-10/2021

Round -6

Lab Code: 2160

Date: 29/12/2021

Note: @ parameter is not the part of Method Group

Complete Blood Count (CBC)

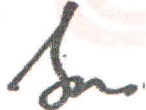
Parameters	Method Group	No. of Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index(SDI)
Hb gm/dl	Photometric	55	11.6	0.7	0.12	10.2-13.0	11.7	0.2
WBC × 10 ³ /μl.	Electrical impedance	60	10.2	1.6	0.25	7.1-13.3	9.8	-0.2
RBC × 10 ⁶ /μl.	Electrical impedance	61	3.9	0.2	0.04	3.5-4.4	4.01	0.5
Hct% @	Calculated	53	35.0	3.2	0.54	28.7-41.3	-	-
MCV fl. @	Electrical impedance	36	89.5	4.3	0.90	80.8-98.1	-	-
MCH pg.	Calculated	67	29.6	0.8	0.12	28.0-31.2	29.1	-0.6
MCHC gm/dl	Calculated	69	33.5	2.5	0.38	28.5-38.5	34.4	0.4
Platelet × 10 ³ /μl. @	Electrical impedance	54	251.0	34.7	5.91	181.5-320.5	-	-

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
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Chief Coordinator



Dr.Sanjay Mehrotra

Checked By:



Programme Director



Dr.Bandana Mehrotra

****End of Report****

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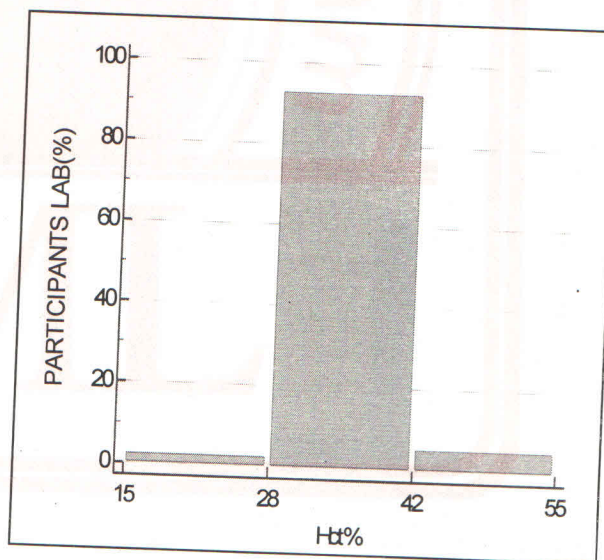
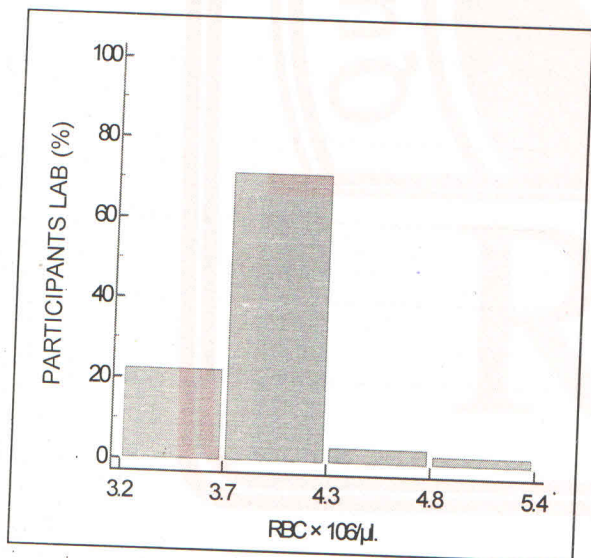
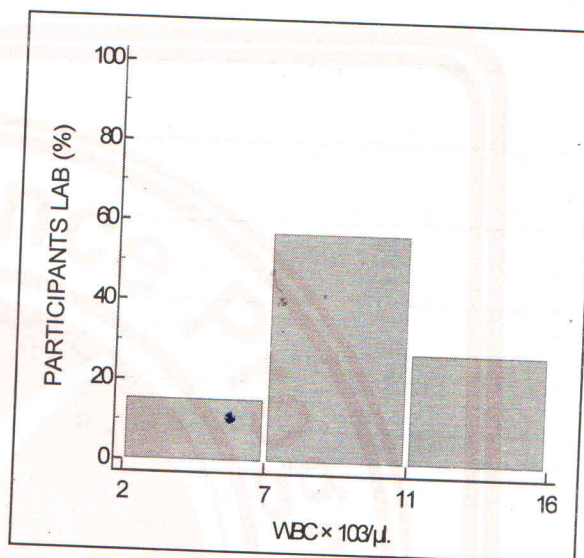
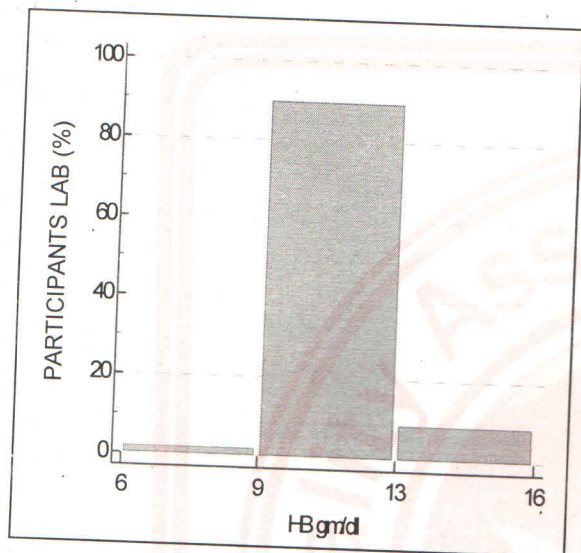


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 10/2021
Round - 6

Date: 29/12/2021





RML – Quality Assurance Program (RML – QAP)

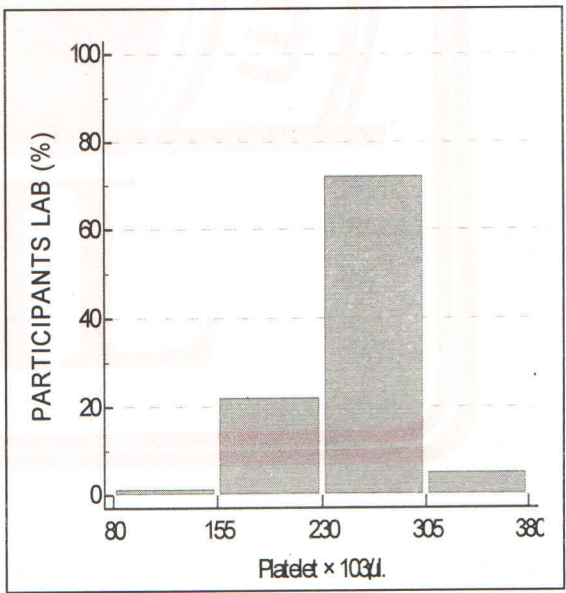
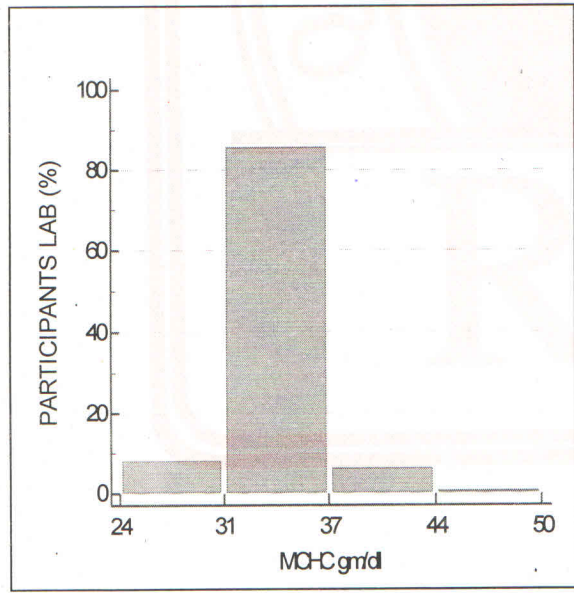
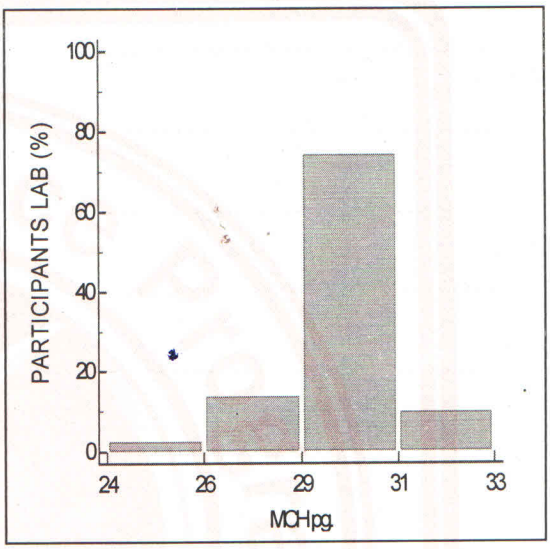
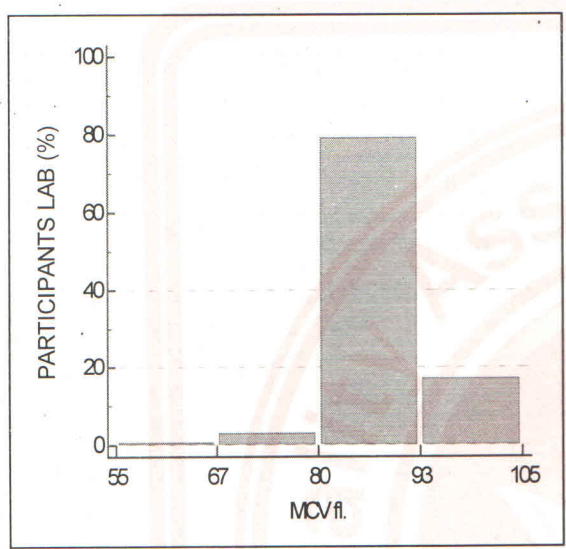


HEMATOLOGY

GRAPHICAL REPORT

Cycle - 10/2021
Round -6

Date: 29/12/2021





Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 10/2021

Round No - 6

Date: 29/12/2021

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	222	165	2	148	9	8
WBC × 10 ³ /μl.	222	161	5	150	5	6
RBC × 10 ³ /μl.	222	165	4	145	11	9
HCT%	222	164	1	151	7	6
MCV fl.	222	165	1	157	3	5
MCH pg.	222	165	1	155	4	6
MCHC gm/dl	222	165	0	155	6	4
Platelet × 10 ³ /μl.	222	165	2	154	7	4

****End of Report****

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RML – Quality Assurance Program (RML – QAP)



END CYCLE SUMMARY REPORT HEMATOLOGY

Lab Code: 2160

Cycle No. : 10
Jan'2021 - Dec'2021
Date: 29/12/2021

Parameter	Sample Number											
	1		2		3		4		5		6	
	Your value	SDI	Your value	SDI	Your value	SDI	Your value	SDI	Your value	SDI	Your value	SDI
Hb gm / dl	12.1	0.1	11.7	-0.6	11.7	0.1	12.5	0.0	11.3	-0.6	11.7	0.1
WBC × 10 ⁹ / μl	10.1	0.5	10.9	0.5	11.6	0.7	13.0	0.5	10.9	0.4	9.8	0.0
RBC × 10 ⁶ / μl	4.1	-0.3	4.01	-0.7	4.13	1.0	4.41	0.9	3.9	-0.5	4.0	0.3
HCT %	34.8	-0.5	34.3	-0.6	35.0	-0.2	37.2	-0.2	31.3	-1.2	34.0	-0.3
MCV fl.	85	-0.5	86.0	-0.2	85.0	-0.9	84.0	-1.1	81.0	-1.2	85.0	-0.7
MCH pg.	29.5	0.4	29.1	-0.1	28.5	-0.7	28.4	-1.1	29.3	-0.1	29.1	-0.4
MCHC gm / dl	34.8	0.6	34.0	0.2	33.6	0.4	33.7	0.3	36.2	0.9	34.4	0.4
Platelet × 10 ⁹ / μl.	231	-0.8	230	-0.8	238	-0.5	279	-0.4	234.0	-1.1	250.0	-0.2
SDI Value (+/-)	0.0-0.5		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:-	(X) SDI Value >3.0	{*} Not Reported
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Legends:-	(#)Late Result Submission	(S)Reported in other Unit	(*) Not Included in group mean
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Chief Coordinator

Dr. Sanjay Mehrotra

Programme Director

Dr. Bandana Mehrotra

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End of Report



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