



RML- Quality Assurance Program (RML-QAP)



Urine Routine Analysis

ALL METHOD REPORT

Lab Code: 2432

Cycle - 12/2023
Round No -10

Date: 31/10/2023

Parameters	Units	No.of. Participants	Consensus		Consensus Result	Your Value	Remark
			Number	%			
Specific Gravity	-	366	292	80%	1.010-1.020	1.020	Within Consensus
pH	-	366	242	66%	7.0	7.0	Within Consensus
Leukocytes	/µl	359	262	73%	2+ - 3+	3+	Within Consensus
Nitrite	-	351	314	90%	Positive	Positive	Within Consensus
Protein	mg/dl	365	282	77%	2+ - 3+	2+	Within Consensus
Glucose	mg/dl	366	282	77%	3+ - 4+	3+	Within Consensus
Ketones	-	364	221	61%	2+ - 3+	*1+	Outside Consensus
Urobilinogen	mg/dl	357	243	68%	2+ - 3+	2+	Within Consensus
Bilirubin	mg/dl	362	267	74%	3+	3+	Within Consensus
Blood (Hemoglobin)	/µl	363	257	71%	3+ - 4+	3+	Within Consensus

Legends	≥ 60% Consensus	(*) Outside Consensus	(@) No Consensus	(.) Not Reported	(#)Late Result Submission
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Chief Coordinator


Dr. Sanjay Mehrotra

Checked By:

Prepared By: SM

Programme Director


Dr. Bandana Mehrotra

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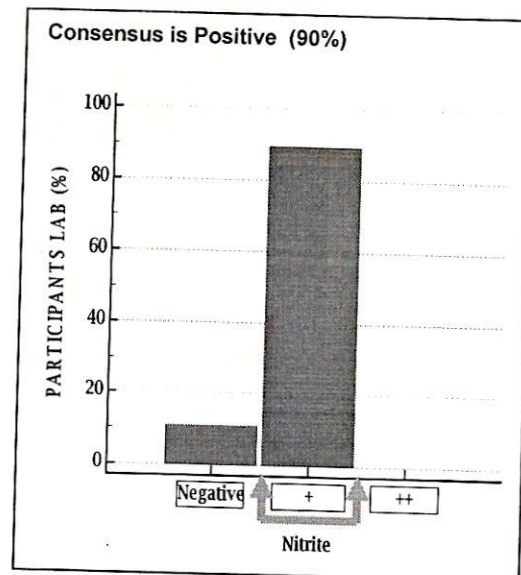
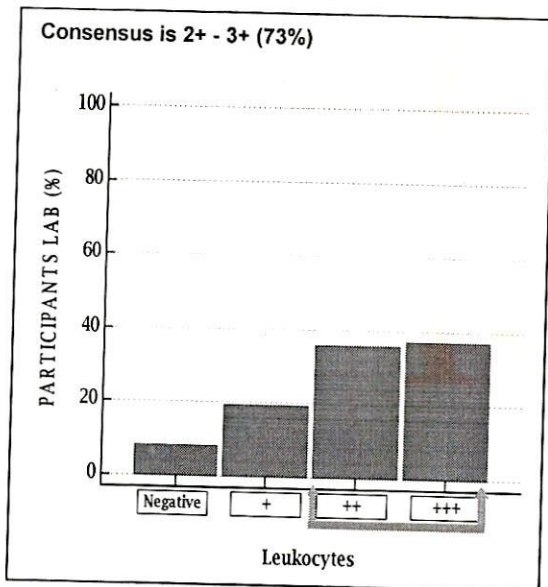
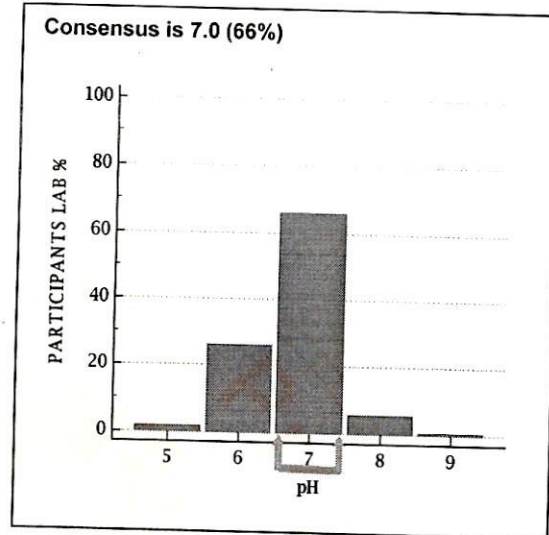
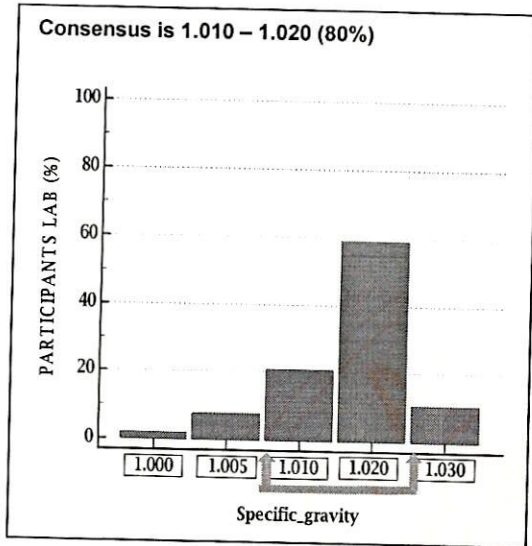
URINE ROUTINE ANALYSIS

GRAPHICAL REPORT

Cycle - 12/2023

Round-10

Date:31/10/2023





RML- Quality Assurance Program (RML-QAP)



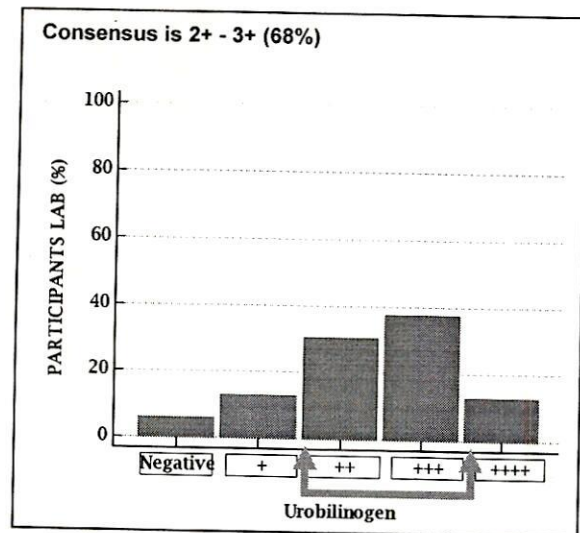
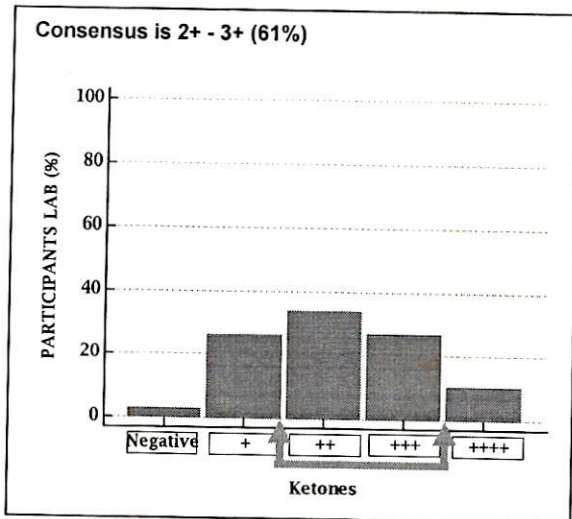
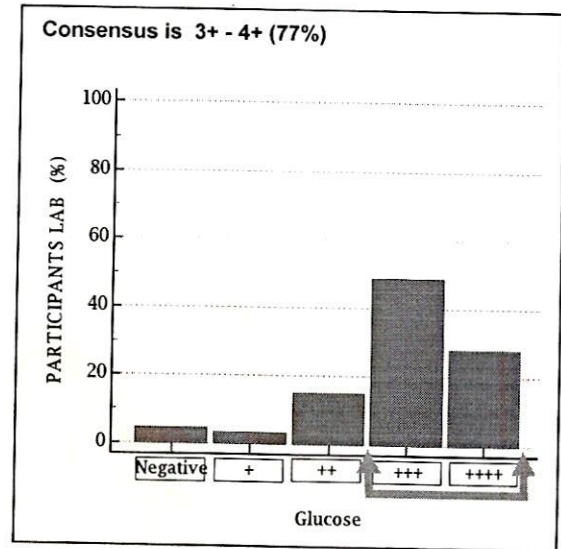
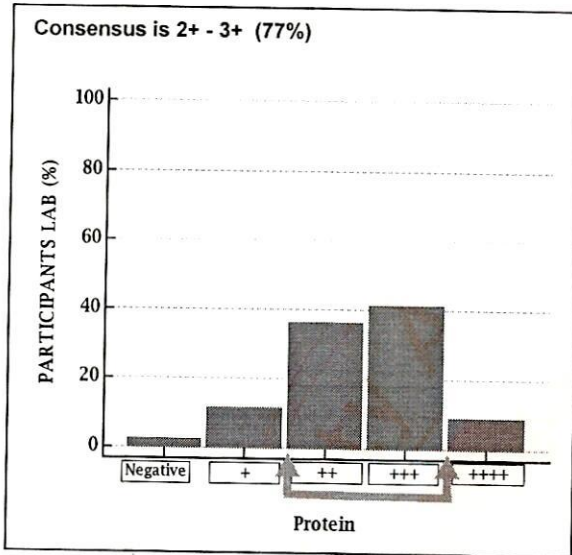
URINE ROUTINE ANALYSIS

GRAPHICAL REPORT

Cycle - 12/2023

Round-10

Date:31/10/2023



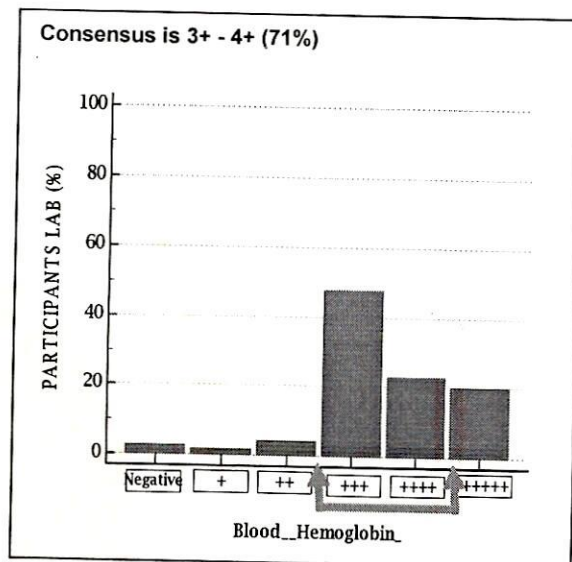
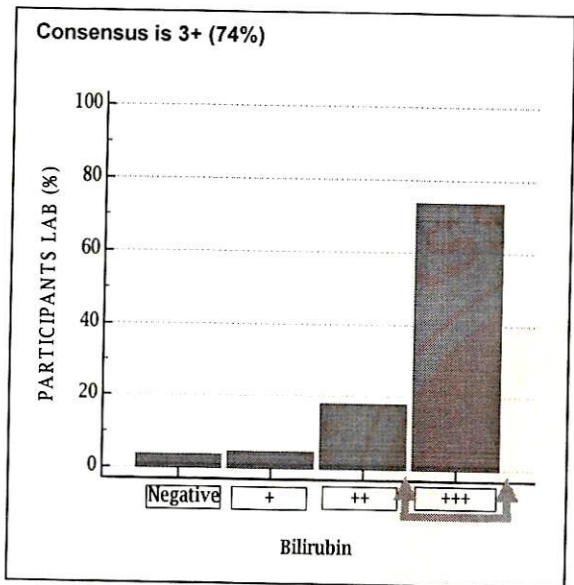


URINE ROUTINE ANALYSIS

GRAPHICAL REPORT

Cycle - 12/2023
Round-10

Date:31/10/2023





RML- Quality Assurance Program (RML-QAP)



HEMATOLOGY

ALL METHOD REPORT

Cycle-12/2023

Round -5

Lab Code: 2432

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	12.1	1.0
WBC $\times 10^3/\mu\text{l}$.	333	11.0	0.8	0.06	9.3-12.6	10.7	-0.3
RBC $\times 10^6/\mu\text{l}$.	336	4.1	0.1	0.01	3.9-4.3	3.97	-1.0
Hct%	337	35.5	2.3	0.16	30.8-40.1	36.0	0.2
MCV fl.	336	86.8	4.6	0.31	77.7-95.9	90.6	0.8
MCH pg.	336	28.8	0.9	0.06	27.0-30.7	30.5	1.8
MCHC gm/dl	336	33.1	2.0	0.13	29.2-37.0	33.6	0.2
Platelet $\times 10^3/\mu\text{l}$.	337	260.1	19.6	1.34	220.8-299.4	277	0.9

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-32, L-08, E-60	P- 17.3-59.7, L- 8.7-24.3, E- 14.6-61.6, Mono- 1.2-4.8
Morphology	RBC- RBCS are predominantly Normocytic Normochromic. WBC- TLC, high with differential showing severe Eosinophilia. Platelets- Adequate in number. No Hemoparasite is seen	Δ Normocytic/Normochromic (283/302) Δ Eosinophilia (264/302) Δ Leukocytosis (212/302) Δ Thrombocytopenia (153/302)
Diagnosis	Severe 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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HEMATOLOGY

METHOD WISE REPORT

Cycle-12/2023

Round -5

Date: 31/10/2023

Lab Code: 2432

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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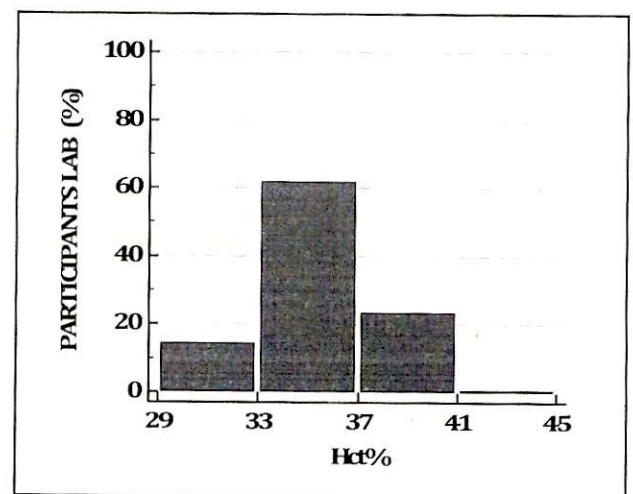
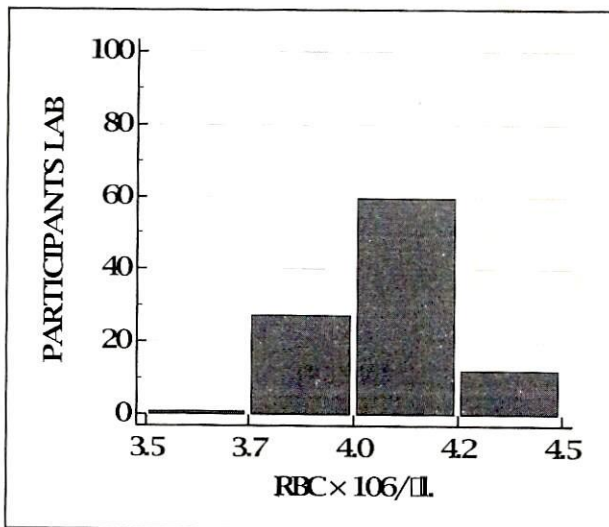
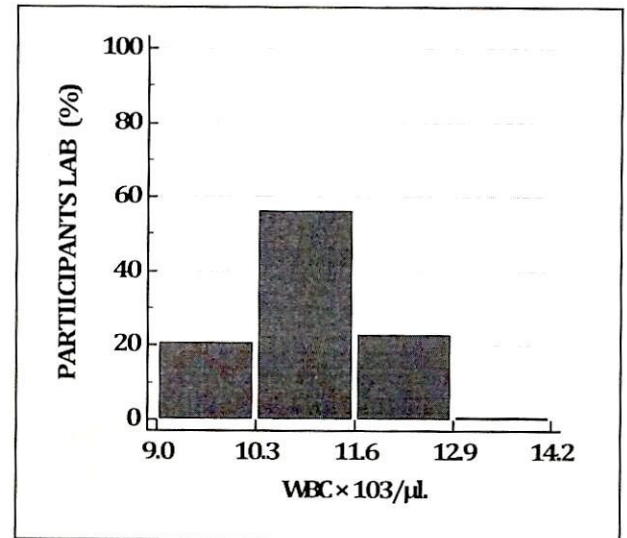
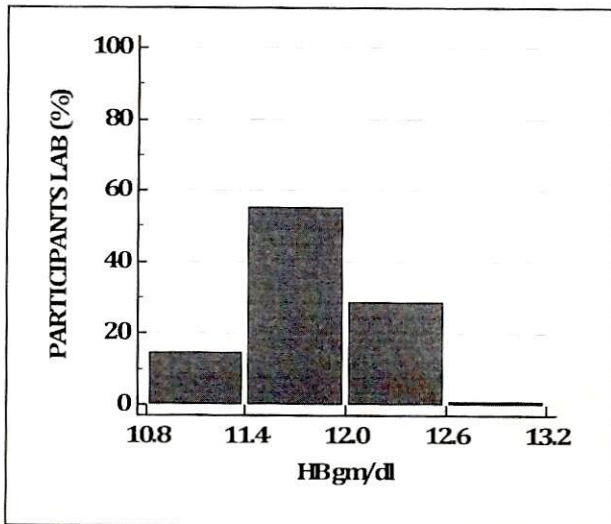
HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023

Round -5

Date: 31/10/2023





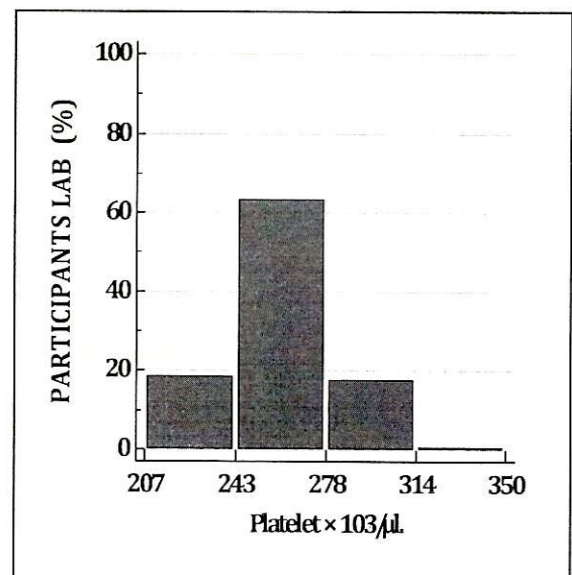
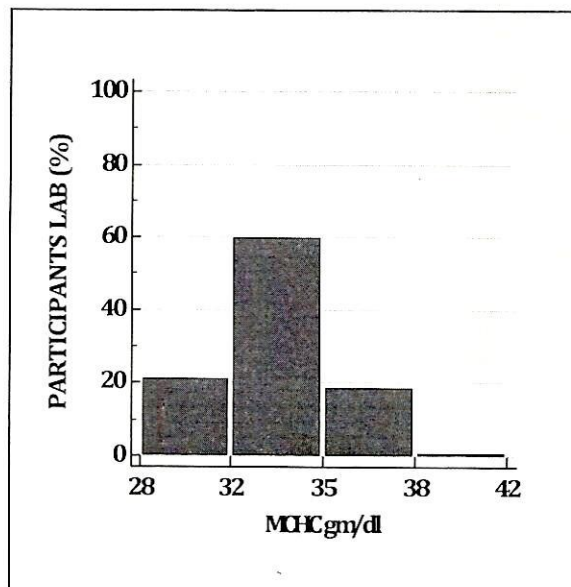
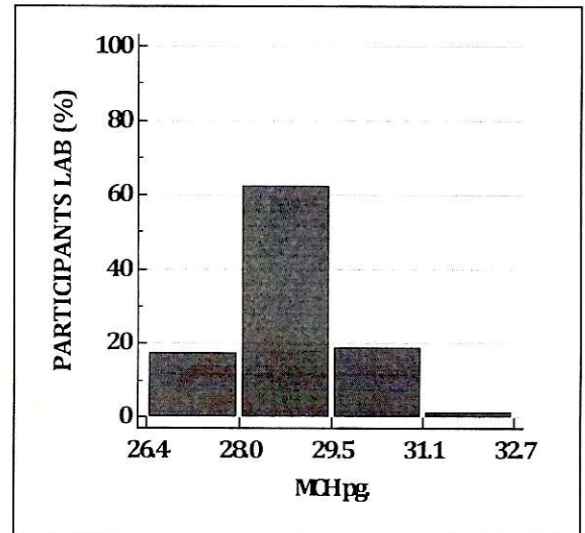
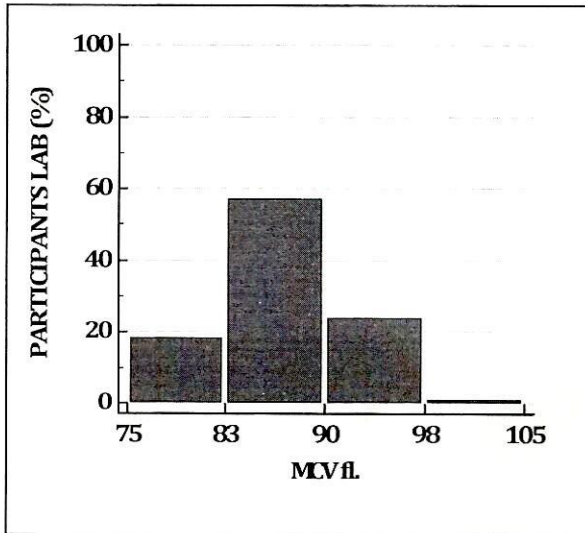
HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023

Round -5

Date: 31/10/2023





Hematology

ALL PARTICIPANT'S 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 $\times 10^3/\mu\text{l}$.	448	333	106	212	15	106
RBC $\times 10^3/\mu\text{l}$.	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 $\times 10^3/\mu\text{l}$.	448	337	18	300	19	18

****End of Report****

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RML- Quality Assurance Program (RML-QAP)



Lab Code No. 2432

BASIC SEROLOGY FINAL RESULT ASSESSMENT

CYCLE NO. : 12

ROUND: 5

TOTAL PARTICIPANT: 487

DATE: 31/10/2023

Parameter	Total Responses	Your Result	All Lab Result	Consensus %	Remarks
S1- Anti HCV	396	*Non- Reactive	-	-	RML Expert Opinion is Reactive (Method ECLIA, ELISA, ICT)
S2- Dengue IgM	362	Non- Reactive	Non- Reactive : 354 Reactive : 08	97.7%	Within Consensus

Legends:	(*) Excluded From Consensus Group	{NR} Not Reported	(#) Late Result Submission
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*Note: Consensus for S1-Anti HCV has not been reached.

Expert Opinion is given.

Chief Coordinator

Dr. Sanjay Mehrotra

Checked By:

Prepared by: SV

Programme Director

Dr. Bandana Mehrotra

End of Report



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