



HEMATOLOGY ALL METHOD REPORT

Lab Code: 2619

Cycle-12/2023
Round -1

Date: 28/02/2023

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	240	11.9	0.4	0.03	11.1-12.8	11.7	-0.5
WBC × 10 ³ /μl.	240	10.4	0.7	0.06	8.2-12.3	*6.4	-5.9
RBC × 10 ⁶ /μl.	240	4.1	0.2	0.01	3.7-4.5	4.12	0.1
Hct%	240	35.8	2.4	0.20	31.0-40.7	33.6	-0.9
MCV fl.	240	87.1	4.8	0.39	77.5-96.7	81.4	-1.2
MCH pg.	240	29.1	0.9	0.07	27.3-30.9	28.3	-0.9
MCHC gm/dl	240	33.3	1.9	0.15	29.5-37.1	34.8	0.8
Platelet × 10 ³ /μl.	239	267.3	20.9	1.69	225.5-309.1	282	0.7

Interpretation of Z Score:

Z Score Value(+/-)	[Z] ≤ 2.0	2.0 < [Z] < 3.0	[Z] ≥ 3.0
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Peripheral Blood Smear(PBS):

	Your Result	Consensus Result
DLC	B-73,P-10,L-15,E-1,M-1	L-77.9-95.7, ProL-3.2-11.7, P-2.6-10.2
Morphology	RBC- predominantly Normocytic Normochromic .WBC- smudge cells, lympho blast with high N:C ratio, 1to2 prominent nucleoli and scant cytoplasm noted..Platelets - Adequate and giant platelet seen	ΔNormocytic/ Normochromic (196/216) ΔLymphocytosis(190/216) ΔSmudge cells (188/216) ΔLeukocytosis (137/216) Δprolymphocytes (92/216)
Diagnosis	Acute lymphoblastic 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:

Programme Director

Dr. Bandana Mehrotra

Doc. No.: ASS/FR/06/R-01/Dr-05.01.2022

End of Report

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HEMATOLOGY METHOD WISE REPORT

Lab Code: 2619

Cycle-12/2023
Round -1

Date: 28/02/2023

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	171	11.9	0.4	0.04	11.2-12.7	11.7	-0.5
WBC $\times 10^3/\mu\text{l}$.	Electrical impedance	154	10.5	0.7	0.07	9.1-11.8	*6.4	-5.9
RBC $\times 10^6/\mu\text{l}$.	Electrical impedance	168	4.1	0.2	0.02	3.7-4.5	4.12	0.1
Hct%	Calculated	163	35.9	2.3	0.23	31.4-40.4	33.6	-1.0
MCV fl.	Calculated	121	86.7	4.8	0.55	77.0-96.3	81.4	-1.1
MCH pg.	Calculated	172	29.1	0.9	0.09	27.2-30.9	28.3	-0.9
MCHC gm/dl	Calculated	174	33.4	1.9	0.18	29.6-37.1	34.8	0.7
Platelet $\times 10^3/\mu\text{l}$.	Electrical impedance	166	269.8	22.1	2.14	225.5-314.0	282	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

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: SSh

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

Programme Director

Dr.Bandana Mehrotra

End of Report

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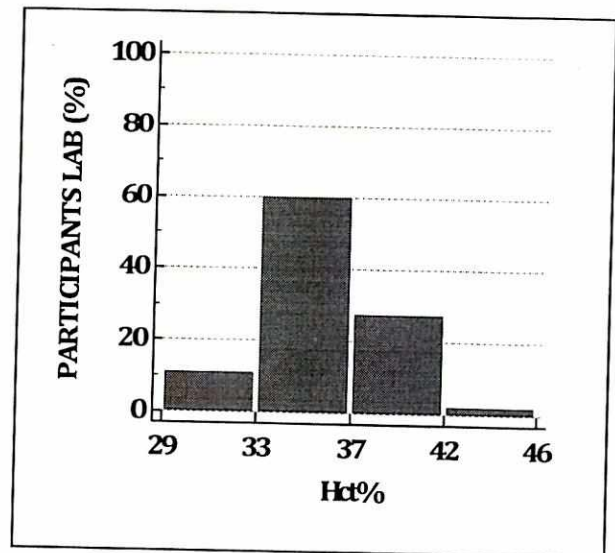
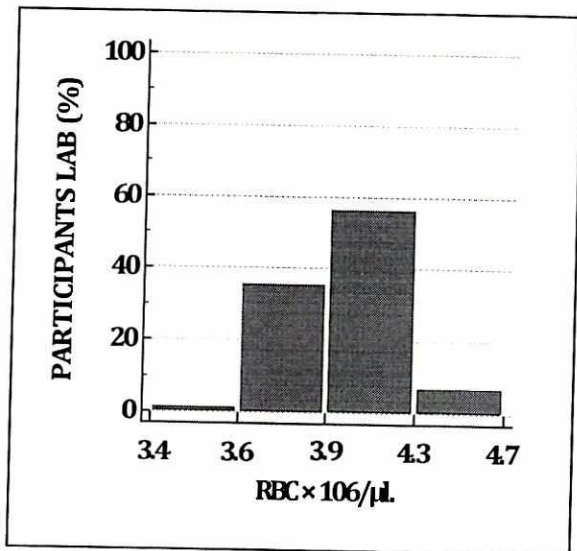
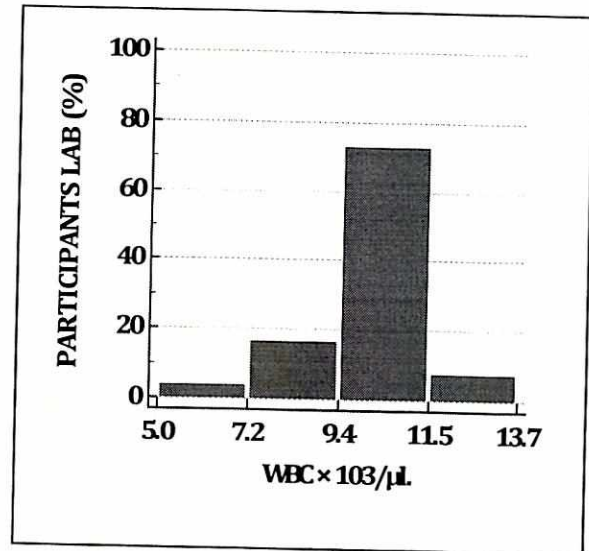
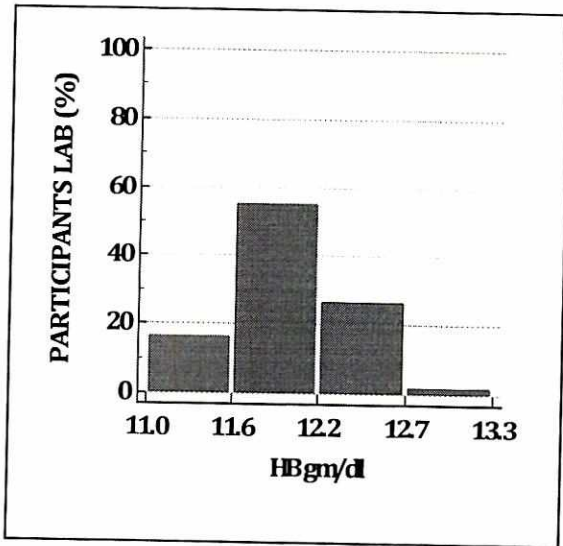


GRAPHICAL REPORT

Cycle - 12/2023

Round -1

Date: 28/02/2023



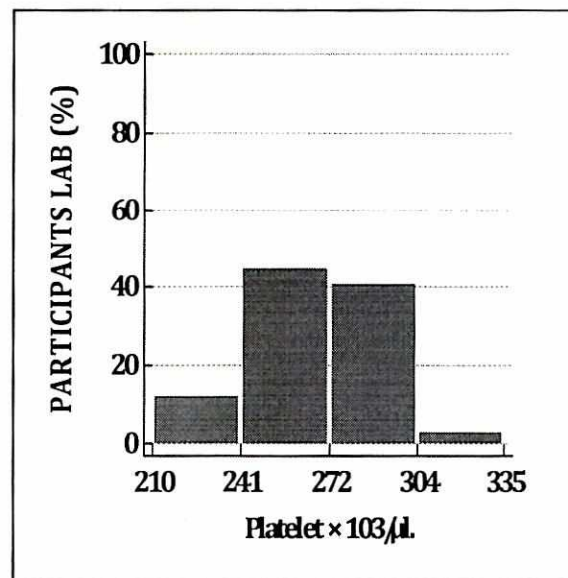
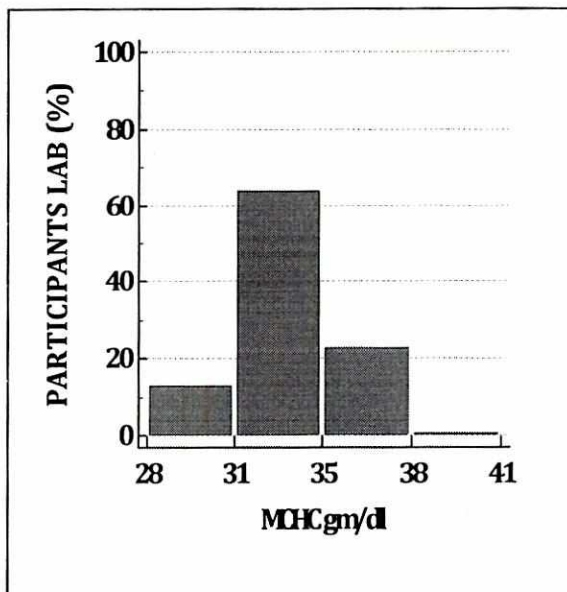
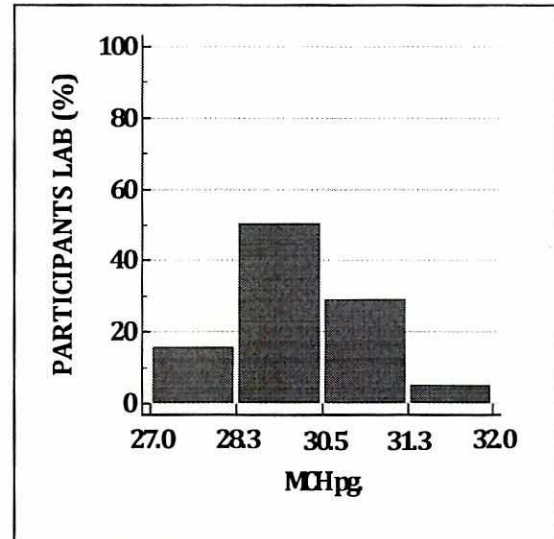
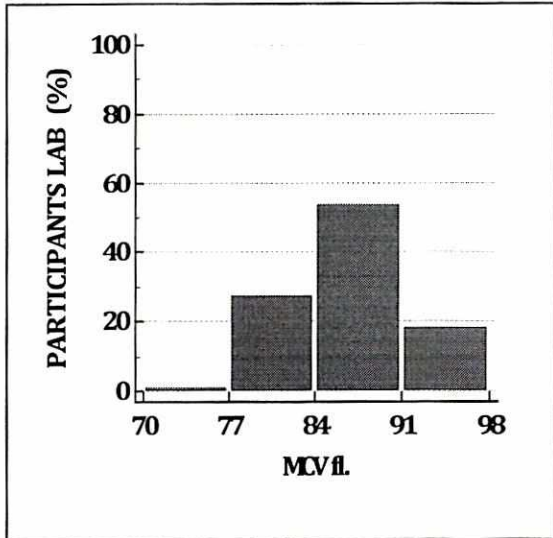
HEMATOLOGY

GRAPHICAL REPORT

Cycle - 12/2023

Round -1

Date: 28/02/2023



Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No - 1

Date: 28/02/2023

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	273	240	24	204	12	24
WBC × 10 ³ /μl.	273	240	76	151	13	76
RBC × 10 ³ /μl.	273	240	20	210	10	20
HCT%	273	240	11	216	13	11
MCV fl.	273	240	3	233	4	3
MCH pg.	273	240	12	213	15	12
MCHC gm/dl	273	240	5	226	9	5
Platelet × 10 ³ /μl.	273	239	13	215	11	13

****End of Report****

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Doc. No.: ASS / FR / 01 / R 00 / Dt.: 01.07.2012

Department Hematology

IQC / EQAS Outlier Log

TM/FR/16/R00/Dt: 01.08.2022

Date/Time	Parameter	Rule violated	Corrective action	Tech Sign	Reviewed by
3/4/23	TLC	outside concentrations	a.c. material - OK Instrument maintenance - OK all Reagent - OK	<i>[Signature]</i>	<i>[Signature]</i>

Inter-Laboratory Comparison Records

Department :- Hematology

A-B/Ax100=Difference %, For Acceptability refer to Gen SOP 16 A

S.No	Date / Time	Patient Id	Test Parameter	Our Lab Results	Lab-Reddy & Belab Naidu		Acceptable / Not Accep.	Sign	Reviewed & Sign
					Result	Difference as %			
1	31/4/23	3698982	TLC.	7.0	7.1	1.4%	Acceptable	[Signature]	[Signature]

File : RLPL - QMS

Patient Name : **Mrs JAYSHREE CHAVAN**
 DOB/Age/Gender : 26 Y/Female
 Patient ID / UHID : 3698982/OF3698982
 Referred By : Dr.
 Sample Type : Whole blood EDTA
 Client : NIDAN PATH LAB (Pune)

Bill Date : Apr 02, 2023, 06:00 PM
 Sample Collected : Apr 02, 2023, 06:00 PM
 Sample Received : Apr 02, 2023, 06:00 PM
 Report Date : Apr 02, 2023, 06:30 PM
 Barcode No : HT295501
 Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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HEMATOLOGY REPORT

Diabetes Profile- Comprehensive

Complete Blood Count (CBC)

RBC PARAMETERS

Hemoglobin Method : colorimetric	13.2	g/dL	12.0 - 15.0
RBC Count Method : Electrical impedance	4.4	10 ⁶ /μl	3.8 - 4.8
PCV Method : Calculated	38	%	36 - 46
MCV Method : Calculated	85.5	fl	83 - 101
MCH Method : Calculated	29.7	pg	27 - 32
MCHC Method : Calculated	34.8	g/dL	31.5 - 34.5
RDW (CV) Method : Calculated	13.1	%	11.6 - 14.0
RDW-SD Method : Calculated	46.2	fl	35.1 - 43.9

WBC PARAMETERS

TLC Method : Electrical impedance and microscopy	7	10 ³ /μl	4 - 10
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DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils	65	%	40-80
Lymphocytes	28	%	20-40
Monocytes	6	%	2-10
Eosinophils	1	%	1-6
Basophils	0	%	<2

Absolute leukocyte counts

Method : Calculated

Neutrophils*	4.55	10 ³ /μl	2 - 7
Lymphocytes*	1.96	10 ³ /μl	1 - 3
Monocytes*	0.42	10 ³ /μl	0.2 - 1.0
Eosinophils*	0.07	10 ³ /μl	0.02 - 0.5
Basophils*	0	10 ³ /μl	0.02 - 0.5

PLATELET PARAMETERS

Platelet Count Method : Electrical impedance and microscopy	294	10 ³ /μl	150 - 410
Mean Platelet Volume (MPV)	9.2	fL	9.3 - 12.1



928-909-0609



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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

LABORATORY REPORT



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Patient Name **Mrs. ILC**
DOB/Age/Gender : 26 Y/Female
Patient ID / UHID : 3698982/OF3708481
Referred By : Dr.
Sample Type : Whole blood EDTA
Client : NIDAN PATH LAB(Pune)

Bill Date : Apr 03, 2023, 10:34 AM
Sample Collected : Apr 03, 2023, 10:34 AM
Sample Received : Apr 03, 2023, 10:36 AM
Report Date : Apr 03, 2023, 01:00 PM
Barcode No : HT295501
Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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HEMATOLOGY REPORT Complete Blood Count (CBC)

RBC PARAMETERS

Hemoglobin Method : colorimetric	12.9	g/dL	12.0 - 15.0
RBC Count Method : Electrical impedance	4.5	10 ⁶ /μl	3.8 - 4.8
PCV Method : Calculated	37	%	36 - 46
MCV Method : Calculated	85.2	fl	83 - 101
MCH Method : Calculated	29.5	pg	27 - 32
MCHC Method : Calculated	34.2	g/dL	31.5 - 34.5
RDW (CV) Method : Calculated	13.5	%	11.6 - 14.0
RDW-SD Method : Calculated	45.7	fl	35.1 - 43.9

WBC PARAMETERS

TLC Method : Electrical impedance and microscopy	7.1	10 ³ /μl	4 - 10
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DIFFERENTIAL LEUCOCYTE COUNT

Neutrophils	66	%	40-80
Lymphocytes	27	%	20-40
Monocytes	5	%	2-10
Eosinophils	2	%	1-6
Basophils	0	%	<2

Absolute leukocyte counts

Neutrophils*	4.57	10 ³ /μl	2 - 7
Lymphocytes*	1.96	10 ³ /μl	1 - 3
Monocytes*	0.41	10 ³ /μl	0.2 - 1.0
Eosinophils*	0.08	10 ³ /μl	0.02 - 0.5
Basophils*	0	10 ³ /μl	0.02 - 0.5

PLATELET PARAMETERS

Platelet Count Method : Electrical impedance and microscopy	289	10 ³ /μl	150 - 410
Mean Platelet Volume (MPV) Method : Calculated	9.3	fL	9.3 - 12.1
PCT	0.4	%	0.17 - 0.32



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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.