

Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTIC LTD UNA (1236)

Outlier And Analyte Summary Report Result Details For Cycle No 240104 and Sample No 01

Report Date: 10/07/2024

Instrument:

Horiba Yumizen H1500

Ameliate	Standard Unit	Result Value	Mean	Z-Score	RMZ
Analyte Caret	mill/cu.mm	2.54		-0.08	-0.09
@ Erythrocyte (RBC) Count	/c.mm	5290.00		6.03	3.99
X Total Leucocytes (WBC) count X Neutrophils Differential	%	18.70		-13.83	-9.22
* Lymphocytes Differential	%	14.80		*	0.00
@ Monocytes Differential	%	0.30		-1.67	-1.14
@ Eosinophils Differential	%	3.90		-0.95	-0.39
X Basophils Differential	%	62.30		101.67	134.84
@ Haemoglobin	g/dL	7.50		0.89	0.56
MCV (Mean Corpuscular Volume)	fL	106.90		-1.62	-1.5
@ MCH (Mean Corpuscular Hb)	pg	29.70		0.53	0.48
MCHC (Mean Corpuscular Hb Concentration)	g/dL	27.80		2.71	2.1
@ Platelet Count	1000/ µL	152.00		1.05	0.5
@ Hematocrit	%	27.10	-	-1.52	-1.3
@ RDW CV%	%	20.40		0.22	0.1
Legend @: Acceptable			Total	Parameters	14
: 2.0 < z score < 3.0 - Warning			Not Evaluated	Parameters	0
X : z score ≥3 - Unacceptable			Evaluated	Parameters	14
# : Not Evaluated			Outlier Par	rameters (X)	4
③: Delayed Result Entry		FOAS	Score Haemat		71.43 %
* : Not considered for evaluation.		20/10		0,	

Aknogam

Dr Puneet Kumar Nigam PT coordinator & Technical Manager, MHL EQAS Unit No. 409-416. Commercial Building - 1A Kohinoor Mall, Kirol Road, Kurla (W), Mumbai - 400070



Analyte

Reviewed by:

Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTIC LTD UNA (1236) Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 01

Horiba Yumizen H1500

Instrument

Report Date: 10/07/2024

Z-Score

6.03

Result Value Standard

Unit

5290.00 1000/ µL

	Horiba Yumizen H1500	5290.00 1000 pc	0.00
X Total Leucocytes (WBC) count	Horiba Yumizen H1500	18.70 %	-13.83
X Neutrophils Differential	Horiba Yumizen H1500	14.80 %	,
* Lymphocytes Differential	Horiba Yumizen H1500	62.30 %	101.67
X Basophils Differential	Horiba Yumizen H1500	27.80 g/dL	2.71
MCHC (Mean Corpuscular Hb Concentration)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Legend @:zscore ≤ 2.0 - Acceptable			
: 2.0 < z score < 3.0 - Warning			
X : z score ≥3 - Unacceptable			
# : Not Evaluated			
③ : Delayed Result Entry			
* : Not considered for evaluation.			
Problem Classification: <u>SamPle</u> №	OT RECIVED IN TEMPRATI	JR.	
Corrective Action:	Dohe		
		Dated: 2-8-2	24





CORRECTIVE ACTION & PREVENTIVE ACTION (CAPA)

Name o	of the Depar	tment: Hearnatology					
Sr. No	Date	Non Conformity Observed	Root Cause Analysis	Corrective Action & Preventive Action	Date of Closure	Signature	
	2-8-24	Total leucocytes Count	Sample not received in temp	ILC DONE	2-8-24	my'	
						J	
	2-8-24	Neutrophilis	Sample not received in temp	ILC DOKE	2-8-24	my'	
	2-8-24	Bosophil	Sample not received in temp	ILC DONE	2-8-24	my	
	2.3-24	RBC	Sumple not received in temp	, ILC DONE	2-8-24	mj	

Issued by : Vinod Lonkar Urnou		Issued on: 01.	03.2024
Approved by : Dr Amol Patil			
Doc No. GEN-69	Version No : 2	Amend No:	Amend Date:





Krsnaa Diagnostics Ltd, Regional Hospital UNA Himachal Pradesh 174303

INTER LABORATORY COMPARISON RESULTS

Sr. No	Date	Analyte Name	Barcode ID	Lab Result	Unit	ILC lab Result	Unit	Acceptability Criteria	Observed CV %	Acceptability range	Result Acceptable Yes / No	Done by	Reviewed by
	2-8-24	MBC	580943	6.54	× 103ml	6.30	X 193M	10%	3.6%	10%	Yes	Okikoley	r's
										10%			
	2-8-24	Neutro	17	44.6	7.	4.5	٥/٩	10%	-2%	101.	Yes	Diffooder	by
	2-8-24	Bazo	1)	0.70	*/9	6.70	%	10%	6%	10%	Yes	Ohilade	, i
	2-8-24	RBC	1)	4.80	X106 U	4.38	xlogu	10%.	8.757	101.	Yes	Wholes	i,

Qualitative: Clinically comparable results shall be Concordance.

Clinically not comparable results shall be Disconcordance.

Quantitative: Acceptability: 10 %. (As per NABL 112)



Issued by . Vinod Lonkar Vined			Issue Date : 01.09.2023	Issue Date: 01.09.2023			
Approved by : Dr. Manish Karekar	hot over the	Version No : 1	Amend No	Amend Date .			
Doc No. GEN-01		Version No : 1	Atticid No. 4				





RHUNA



Medical Laboratory Report

Patient Name Age and Gender

: Mr ILC LEKH RAM : 59 Years / Male

Category : OPD - HP UNA LAB

Referring Doctor : Self

Sample Processed at : HP HAMIRPUR LAB

Patient UID No PRN No

:UNAP240800092607 :UNAP240800092607

Registered On Sample UID No.

	HEMATOLOGY		
Test Done	Observed Value	Units	Biological Reference Interva
COMPLETE BLOOD COUNT			
COMPLETE BLOOD COUNT (Sample type	: EDTA)		
Haemoglobin	14.10	g/dl	13.0 - 18.0
Photometric			
Total Leucocyte Count	6.30	x 10^3 /μL	4.0- 11.0
Electrical impedence			25.55
Total Erythrocyte Count	4.38	x 10^6/μL	3.5 - 5.5
Electrical impedence		1010 (1)	150 - 450
Platelet count	171.00	x 10^3 /μL	130 - 430
Electrical impedence	42.00	fl	7.8-11.0 fL
MPV Calculated	12.00	"	7,10 2210
PCT	0.21	%	0.15-0.62 %
Electrical Impedence	0.21	/0	
PDW	26.20	fL	8.3-25.0
Calculated	20,20		
R.B.C. Indices			
HCT (P.C.V.)	39.20	%	40 - 52
Calculated			
M.C.V.	83.50	fL	82 - 95.0
Measured			
M.C.H.	30.20	pg	25 - 33
Measured			
M.C.H.C	35.80	gm/dl	33 - 37
Calculated	42.00	0/	11.0 - 16.0
R.D.W. CV	13.80	%	11.0 - 10.0
Calculated			
Differential W.B.C. Count	45.00	%	40 - 70
Neutrophils Cytochemistry & impedence/PS	43.00		
Lymphocytes	44.00	%	20 - 45
Cytochemistry & impedence/PS			
Eosinophils	2.10	%	0-6
Cytochemistry & impedence/PS			
Monocytes	9.70	%	0-8
Cytochemistry & impedence/PS			MINITA
Basophils	0.70	%	0-1
Cytochemistry & impedence/PS			VI THE AS
Absolute Count			VIEW AND AND AND ADDRESS OF THE PARTY AND ADDR
Absolute Neutrophil Count	2.84	x 10^3 /μL	1.5 - 8.0

Krsnaa Diagnostics Ltd. under PPP mode. 24x7 For Help: 020-6814 6814 | 020-4695 4695 | 96233 96233







Medical Laboratory Report

Patient Name

: Mr ILC LEKH RAM

Age and Gender

: 59 Years / Male

Category Referring Doctor

: Self Sample Processed at: HP HAMIRPUR LAB

: OPD - HP UNA LAB

HEMATOLOGY

:UNAP240800092607 Patient UID No

PRN No

:UNAP240800092607

:02 Aug 2024 17:02 Registered On Sample UID No. .201580943

Test Done	Observed Value	Units	Biological Reference Interva
COMPLETE BLOOD COUNT			
Absolute Count			
Calculated		V4000 /I	1.02 - 3.55
Absolute Lymphocyte Count	2.77	X10^9 /I	1.02 - 5.35
Calculated			0.01 0.11
Absolute Eosinophil Count	0.13	x 10^3 /μL	0.04 - 0.44
Calculated			
Absolute Monocyte Count	0.61	X 10^9 /I	0.26 - 1.07
Calculated			
Absolute Basophil Count	0.04	x 10^3 /μL	0.02 - 0.10
Calculated			
Test performed on fully automated 5 part different	al cell counter.		



Dr.Rajiv Dogra (MDPhysician), DCP Pathologist

~~~ END OF REPORT ~~~





Patient Name

## HAMIRPUR



# मुख्यमंत्री निःशुल्क निदान योजना

रवारच्य सुविवाएँ घर-ढार, कृत संकल्पित है हिमाचल सरकार

HAMTRPUR



**Medical Laboratory Report** 

Patient UID No

PRN No

:UNAP240800092238 :UNAP240800092238

Registered On :01 Aug 2024 11:34
Sample UID No. 201580943

: 59 Years / Male Age and Gender : OPD - HP UNA LAB Category

Referring Doctor : Self

Sample Processed : HP UNA LAB

: Mr LEKH RAM

| HEMA | OLOGY |
|------|-------|
|------|-------|

|                                              | HEMATOLOGI     |            | A STATE OF THE PARTY OF THE PAR |
|----------------------------------------------|----------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Done                                    | Observed Value | Units      | Biological Reference Interv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| COMPLETE BLOOD COUNT                         |                |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| COMPLETE BLOOD COUNT ( Sample type :         | EDTA)          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Haemoglobin<br>Photometric                   | 14.50          | g/dl       | 13.0 - 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Total Leucocyte Count Electrical impedence   | 6.54           | x 10^3 /μL | 4.0- 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Total Erythrocyte Count Electrical impedence | 4.80           | x 10^6/μL  | 3.5 - 5.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Platelet count Electrical impedence          | 176.00         | × 10^3 /μL | 150 - 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MPV<br>Calculated                            | 13.00          | fl         | 7.8 - 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PCT<br>Electrical Impedence                  | 0.23           | %          | 0.15 - 0.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PDW<br>Calculated                            | 27.10          | %          | 8.3 -25.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| R.B.C. Indices  HCT ( P.C.V. )  Calculated   | 40.60          | %          | 40 - 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| M.C.V.<br>Measured                           | 84.50          | fL         | 82 - 95.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| M.C.H.<br>Measured                           | 30.20          | pg         | 25 - 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ~~~ END OF REPORT ~~~                        |                | . 8        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 回数複模回                                        |                |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



DR.SHELLY VASHISHT (E16918) CONSULTANT PATHOLOGIST

Built







**Medical Laboratory Report** 

Patient Name

: Mr LEKH RAM

Age and Gender : 59 Years / Male

Category

: OPD - HP UNA LAB

Referring Doctor : Self

Sample Processed : HP UNA LAB

Patient UID No :UNAP240800092238

PRN No

:UNAP240800092238

Registered On

:01 Aug 2024 11:34

Sample UID No. 201580943

| at                                                                  |       |            |             |  |
|---------------------------------------------------------------------|-------|------------|-------------|--|
| COMPLETE BLOOD COUNT                                                |       |            |             |  |
| M.C.H.C<br>Calculated                                               | 35.80 | gm/dl      | 33 - 37     |  |
| R.D.W. CV<br>Calculated                                             | 13.80 | %          | 11.0 - 16.0 |  |
| Differential W.B.C. Count  Neutrophils Cytochemistry & impedence/PS | 44.00 | %          | 40 - 70     |  |
| Lymphocytes Cytochemistry & impedence/PS                            | 43.50 | %          | 20 - 45     |  |
| Eosinophils Cytochemistry & impedence/PS                            | 2.10  | %          | 0-6         |  |
| Monocytes Cytochemistry & impedence/PS                              | 9.70  | %          | 0-8         |  |
| Basophils Cytochemistry & impedence/PS                              | 0.70  | %          | 0 - 1       |  |
| Absolute Count  Absolute Neutrophil Count  Calculated               | 2.87  | x 10^3 /μL | 1.5 - 8.0   |  |
| Absolute Lymphocyte Count Calculated                                | 2.83  | x 10^3 /μL | 1.02 - 3.55 |  |
| Absolute Eosinophil Count<br>Calculated                             | 0.13  | x 10^3 /μL | 0.04 - 0.44 |  |
| Absolute Monocyte Count Calculated                                  | 0.63  | x 10^3 /μL | 0.26 - 1.07 |  |
| Absolute Basophil Count Calculated                                  | 0.05  | x 10^3 /μL | 0.02 - 0.1  |  |
|                                                                     |       |            |             |  |



~~~ END OF REPORT ~~~

DR.SHELLY VASHISHT (E16918) CONSULTANT PATHOLOGIST

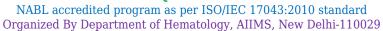
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PROFICIENCY TESTING REPORT

ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME





Duration of stability testing - minimum upto 8 days at ambient temp. after dispatch of specimens

EQAP CODE No.: 6079Distribution No.: 162-OMonth/Year: January/2024Instrument ID: HORIBAModel Name.: YUMIZEN H1500Serial No.: 302M1XH01076

Name & Contact No. of PT Co-ordinator: Dr. Manoranjan Mahapatra (Prof. & Head), Hematology, AIIMS, Delhi,

Tel: 9013085730 , E-Mail : info@ishtmaiimseqap.com **Date of issue & status of the report:** 12-04-2024[Final].

CBC and Retic Assessment

| | | | | Among Lab (Accuracy Testing) | | | | Within Lab (Precision Testing) | | | |
|--------------------------|-------|---------------------|------|-----------------------------------------|---------------------------------------------------|-------------|-------|--------------------------------|-----------------------------------------------------|--------------------------------------|------------|
| Test
Parameters | S.No. | Your
Result
1 | | Your
Results
Sum of
2
Value | Consensus result sum of 2 values (Assigned Value) | Uncertainty | | Results | Consensus Result Diff. of 2 values (Assigned Value) | Uncertainty
of Assigned
Values | Z
Score |
| WBC x10³/μl | 1 | 6.02 | 5.93 | 11.95 | 12.91 | 0.033 | -0.99 | 0.09 | 0.1 | 0.007 | -0.09 |
| RBC x10 ⁶ /μl | 1 | 4.4 | 4.38 | 8.78 | 8.96 | 0.012 | -0.58 | 0.02 | 0.04 | 0.003 | -0.39 |
| Hb g/dl | 1 | 12.1 | 12 | 24.1 | 24 | 0.027 | 0.15 | 0.1 | 0.1 | 0.008 | 0.00 |
| НСТ% | 1 | 36.4 | 36 | 72.4 | 76.9 | 0.171 | -0.91 | 0.4 | 0.4 | 0.025 | 0.00 |
| MCV-fl | 1 | 82.7 | 82.1 | 164.8 | 173.3 | 0.304 | -0.97 | 0.6 | 0.2 | 0.012 | 1.35 |
| МСН-Рд | 1 | 27.6 | 27.3 | 54.9 | 53.8 | 0.080 | 0.54 | 0.3 | 0.2 | 0.011 | 0.45 |
| MCHC-g/dl | 1 | 33.6 | 33.1 | 66.7 | 62.3 | 0.149 | 1.04 | 0.5 | 0.3 | 0.020 | 0.67 |
| Plt. x10³/μl | 1 | 262 | 255 | 517 | 514 | 1.539 | 0.07 | 7 | 7 | 0.408 | 0.00 |
| Retic % | 2 | 6.8 | 6.5 | 13.3 | 13.8 | 0.222 | -0.09 | 0.3 | 0.5 | 0.036 | -0.34 |

P.S. Assesment

| | | YOUR REPORT | CONSENSUS REPORT | | | | |
|-------------------|---|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| DLC% | | Nrbcs=5 , Poly=50 L=40, E=05,
Mono/Promono=05 , B1=00 P.M.=00,
Mye=00, Meta=00, Other= | Poly: 47-61.5, Lympho: 30-43, Eosino: 2-4, Mono: 2-6, Blast/Promyelo/Myelo/ Meta: 0-5 | | | | |
| RBC
Morphology | 3 | | Predominantly: Microcytic, Hypochromic, Moderate: Anisopoikilocytosis
Mild:Target cells , Tear drop cells, Elliptocytes | | | | |

| Test
Parameters | S.No. | | | Among Lab (Accuracy Testin | | | ng) | Within Lab (Precision Testing) | | | |
|--------------------|-------|---------------------------------------------------------------------------------------------------------|--|-----------------------------------------|------------------------------------------------------------------|--------------------------------------|------------|--------------------------------|-----------------------------------------------------|--------------------------------------|------------|
| | | Your
Result
1 | | Your
Results
Sum of
2
Value | Consensus
result
sum of 2
values
(Assigned
Value) | Uncertainty
of Assigned
Values | Z
Score | Results | Consensus Result Diff. of 2 values (Assigned Value) | Uncertainty
of Assigned
Values | Z
Score |
| Diagnosis | 3 | HEAMOGLOBINOPATHY - D/D-
THALESSEMIA DISEASE.(MODERATE
HEMOLYTIC ANEMIA) WITH
THROMBOCYTOPENIA | | | | Haemoglobinopathy | | | | | |

Page 2 of 2

COMBINED DATA VALUES OF TOTAL PARTICIPANTS

| Test parameters | S.No. | Total participants covered in the current dist. 1620 | Total No.
responded | % of Labs with Z
Score 0-2 | | % of Labs with Z
Score 2-3 | | % of Labs with Z
Score >3 | | |
|--------------------------|-------|------------------------------------------------------|------------------------|---------------------------------------------------------------------|---------------|-------------------------------|---------------|------------------------------|---------------|--|
| rest parameters | | | | Among
labs | Within
lab | Among
labs | Within
lab | Among
labs | Within
lab | |
| WBC x10³/μl | 1 | 332 | 331 | 87.01 | 87.01 | 9.37 | 6.04 | 3.62 | 6.95 | |
| RBC x10 ⁶ /μl | 1 | 332 | 332 | 86.14 | 91.57 | 7.83 | 2.71 | 6.03 | 5.72 | |
| Hb g/dl | 1 | 332 | 332 | 85.24 | 85.84 | 8.13 | 6.02 | 6.63 | 8.14 | |
| НСТ% | 1 | 332 | 331 | 92.15 | 90.94 | 4.53 | 3.02 | 3.32 | 6.04 | |
| MCV-fl | 1 | 332 | 331 | 93.96 | 88.22 | 5.14 | 3.32 | 0.9 | 8.46 | |
| MCH-Pg | 1 | 332 | 331 | 87.31 | 72.21 | 7.25 | 19.64 | 5.44 | 8.15 | |
| MCHC-g/dl | 1 | 332 | 331 | 93.96 | 89.73 | 3.93 | 6.04 | 2.11 | 4.23 | |
| Plt. x10³/μl | 1 | 332 | 330 | 92.12 | 90.3 | 4.24 | 4.24 | 3.64 | 5.46 | |
| ReticCount% | 2 | 332 | 264 | 91.67 | 81.82 | 4.55 | 12.12 | 3.78 | 6.06 | |
| PS Assessment | 3 | 332 | 255 | Satisfactory :87.06%, Borderline Sat. :9.33%, Unsatisfactory :3.61% | | | | | | |

*Comments:

- 1). Among Lab (EQA): Results acceptable.
- 2). Within Lab (IQA): Precision acceptable.

Note-1: EQA (External Quality Assurance): Your Performance among various of participating labs in PT, to determine the accuracy of your results.

IQA (Internal Quality Assurance): Your Performance of comparison of two consecutive measurement values within your lab to test the precision of your autoanalyzer.

Note-2: Z score among & within lab were calculated, as per to ISO/IEC 13528:2015 standard. Z score among lab (EQA)= (Your Result Sum of two values - Consensus Result sum of two values)/(Normalised IQR)

Z score within lab (IQA)= (Your Result Difference of two values – Consensus Result difference of two values)/(Normalised IOR)

IQR = Quartile 3 - Quartile 1 of participant data, Normalised IQR = 0.7413 x IQR

Note-3: Z score 0 to ± 2 : Acceptable, Z score ± 2 to ± 3 : Warning Signal, Z score $> \pm 3$: Unacceptable [As per ISO/IEC 13528:2015 standard]

Note-4: Z score value between "0 to ± 2 " are texted in green colour. Z score value between " ± 2 to ± 3 " are texted in orange colour. Z score value $> \pm 3$ are texted in red colour.

Note-5: Homogeneity and stability testing of PT sample were done as per ISO 13528:2015 standard. To pass homogeneity test, between sample SD (Ss) should be smaller than the check value (0.3*SDPA). To pass the stability test, average difference in measurement values of first and last day sample $(\bar{x}-\bar{y})$ should be smaller than the check value (0.3*SDPA).

Note-6: ISHTM-AIIMS-EQAP does not subcontract any task of its scheme

Note-7: Participants are free to use methods/analyzer of their own choice.

Note-8: Proficiency testing (PT) samples are sent quarterly to each participant.

Note-9: All the necessary details regarding design and implementation of PT, are provided in the instruction sheet as well as on programme's website www.ishtmaiimseqap.com.

Note 10: Reports are kept confidential.

A.

Dr. Manoranjan Mahapatra (Prof. & Head)

PT Co-ordinator: ISHTM-AIIMS-EQAP

Department of Hematology, AIIMS, New Delhi

-----End Of Report-----

