

Instrument : Horiba Yumizen H550

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
* Total Leucocytes (WBC) count	/c.mm	2.71	2649.14	-6.47 *	0.00

Instrument : Horiba Yumizen H500

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
* Platelet Count	1000/ μ L	0.17	138.96	-6.81 *	0.00
@ Erythrocyte (RBC) Count	mill/cu.mm	2.31	2.45	-0.54	-0.17
Haemoglobin	g/dL	6.20	6.67	-2.08	-1.35
@ MCV (Mean Corpuscular Volume)	fL	108.50	110.95	0.06	0.00
MCH (Mean Corpuscular Hb)	pg	26.70	27.13	-0.79	-0.69
@ MCHC (Mean Corpuscular Hb Concentration)	g/dL	24.60	24.52	-0.24	-0.36
@ Hematocrit	%	25.10	27.25	-0.83	-0.54
@ RDW CV%	%	23.10	18.66	1.71	1.73

Legend @ : Acceptable

| : 2.0 < z score < 3.0 - Warning

X : z score \geq 3 - Unacceptable

: Not Evaluated

Ⓞ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	9
Not Evaluated Parameters	0
Evaluated Parameters	9
Outlier Parameters (X)	2
EQAS Score Haematology - CBC	77.78 %

Dr Puneet Kumar Nigam

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

Analyte	Instrument	Result Value	Standard Unit	Z-Score
* Total Leucocytes (WBC) count	Horiba Yumizen H550	9.91	/ μ l	*
* Platelet Count	Horiba Yumizen H550	0.31	/ μ l	*

Legend @ : z score \leq 2.0 - Acceptable
 ! : 2.0 < z score < 3.0 - Warning
 X : z score \geq 3 - Unacceptable
 # : Not Evaluated
 ⊙ : Delayed Result Entry
 * : Not considered for evaluation.

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

Instrument : Horiba Yumizen H550

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
* Total Leucocytes (WBC) count	/c.mm	9.91	7767.57	-5.79 *	0.00
* Platelet Count	1000/ μ L	0.31	271.83	-9.43 *	0.00
@ Erythrocyte (RBC) Count	mill/cu.mm	2.83	2.73	0.21	-0.17
@ Haemoglobin	g/dL	8.00	8.06	-0.61	-1.35
@ MCV (Mean Corpuscular Volume)	fL	118.40	117.70	-0.06	0.00
@ MCH (Mean Corpuscular Hb)	pg	28.30	29.56	-0.59	-0.69
@ MCHC (Mean Corpuscular Hb Concentration)	g/dL	23.90	24.78	-0.48	-0.36
@ Hematocrit	%	33.50	31.93	-0.24	-0.54
@ RDW CV%	%	21.40	18.09	1.74	1.73

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

X : z score \geq 3 - Unacceptable

: Not Evaluated

⊙ : Delayed Result Entry

* : Not considered for evaluation.


Total Parameters	9
Not Evaluated Parameters	0
Evaluated Parameters	9
Outlier Parameters (X)	2
EQAS Score Haematology - CBC	77.78 %

Dr Puneet Kumar Nigam

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

Medical Laboratory Report

Patient Name : Mr ILC
 Age and Gender : 50 Years / Male
 Category : OPD - HP ROHRU LAB
 Referring Doctor : Self
 Sample Processed at : HP ROHRU LAB


Patient UID No : ROPT240800124193
 PRN No : ROPT240800124193
 Registered On : 07 Aug 2024 15:05
 Sample UID No.  2201758399

HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
COMPLETE BLOOD COUNT			
COMPLETE BLOOD COUNT (Sample type : EDTA)			
Haemoglobin Photometric	13.30	g/dl	13.0 - 18.0
Total Leucocyte Count Electrical impedance	4.10	$\times 10^3 / \mu\text{L}$	4.0-11.0
Total Erythrocyte Count Electrical impedance	4.40	$\times 10^6 / \mu\text{L}$	3.5 - 5.5
Platelet count Electrical impedance	197.00	$\times 10^3 / \mu\text{L}$	150 - 450
MPV Calculated	12.90	fl	
PCT Electrical Impedence	0.30	%	
PDW Calculated	25.80	%	
R.B.C. Indices			
HCT (P.C.V.) Calculated	37.80	%	40 - 52
M.C.V. Measured	86.40	fL	82 - 95.0
M.C.H. Measured	30.40	pg	25 - 33
M.C.H.C Calculated	35.20	gm/dl	33 - 37
R.D.W. CV Calculated	13.40	%	11.0 - 16.0
Differential W.B.C. Count			
Neutrophils Cytochemistry & impedance/PS	54.90	%	40 - 70
Lymphocytes Cytochemistry & impedance/PS	38.00	%	20 - 45
Eosinophils Cytochemistry & impedance/PS	1.20	%	0 - 6
Monocytes Cytochemistry & impedance/PS	5.10	%	0 - 8
Basophils Cytochemistry & impedance/PS	0.80	%	0 - 1
Absolute Count			
Absolute Neutrophil Count	2.27	$\times 10^3 / \mu\text{L}$	1.5 - 8.0

Patient Name : Mr ILC
Age and Gender : 50 Years / Male
Category : OPD - HP ROHRU LAB
Referring Doctor : Self
Sample Processed at : HP ROHRU LAB

Medical Laboratory Report

Patient UID No : ROPT240800124193
PRN No : ROPT240800124193
Registered On : 07 Aug 2024 15:05
Sample UID No.  2201758399

HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
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COMPLETE BLOOD COUNT

Absolute Count

Calculated

Absolute Lymphocyte Count

1.57

$\times 10^3 / \mu\text{L}$

Calculated

Absolute Eosinophil Count

0.05

$\times 10^3 / \mu\text{L}$

0.04 - 0.44

Calculated

Absolute Monocyte Count

0.21

$\times 10^3 / \mu\text{L}$

Calculated

Absolute Basophil Count

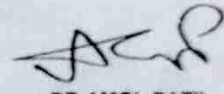
0.03

$\times 10^3 / \mu\text{L}$

Calculated

Test performed on fully automated 5 part differential cell counter.




DR. AMOL PATIL
(MD PATH.)

--- END OF REPORT ---

Medical Laboratory Report

Patient Name : Mr ILC
 Age and Gender : 50 Years / Male
 Category : OPD - HP ROHRU LAB
 Referring Doctor : Self
 Sample Processed at : HP MANDI LAB

Patient UID No : ROPT240800124193
 PRN No : ROPT240800124193
 Registered On : 07 Aug 2024 15:03
 Sample UID No.  .201758399

HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
<u>COMPLETE BLOOD COUNT</u>			
<u>COMPLETE BLOOD COUNT (Sample type : EDTA)</u>			
Haemoglobin Photometric	13.00	g/dl	13.0 - 18.0
Total Leucocyte Count Electrical impedance	4.10	$\times 10^3 / \mu\text{L}$	4.0 - 11.0
Total Erythrocyte Count Electrical impedance	4.32	$\times 10^6 / \mu\text{L}$	3.5 - 5.5
Platelet count Electrical impedance	195.00	$\times 10^3 / \mu\text{L}$	150 - 450
MPV Calculated	12.90	fl	7.8 - 11.0
PCT Electrical Impedence	0.22	%	0.15 - 0.62
PDW Calculated	25.20	%	8.3 - 25.0
<u>R.B.C. Indices</u>			
HCT (P.C.V.) Calculated	37.60	%	40 - 52
M.C.V. Method - Calculated	85.80	fL	82 - 95.0
M.C.H. Method - Calculated	31.00	pg	25 - 33
M.C.H.C Calculated	34.80	gm/dl	33 - 37
R.D.W. CV Calculated	13.10	%	11.0 - 16.0
<u>Differential W.B.C. Count</u>			
Neutrophils Cytochemistry & impedance/PS	56.00	%	40 - 70
Lymphocytes Cytochemistry & impedance/PS	37.00	%	20 - 45
Eosinophils	1.00		0 - 6



Abhinav Junwal

DR ABHINAV JUNWAL (E16739)
(Consultant Pathologist)

MC-6256

~ ~ ~ END OF REPORT ~ ~ ~

Medical Laboratory Report

Patient Name : Mr ILC
 Age and Gender : 50 Years / Male
 Category : OPD - HP ROHRU LAB
 Referring Doctor : Self
 Sample Processed at : HP MANDI LAB

Patient UID No : ROPT240800124193
 PRN No : ROPT240800124193
 Registered On : 07 Aug 2024 15:03
 Sample UID No.  .201758399

HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
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COMPLETE BLOOD COUNT

Differential W.B.C. Count

Cytochemistry & impedance/PS

Monocytes	5	%	0 - 8
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Cytochemistry & impedance/PS

Basophils	1	%	0 - 1
------------------	---	---	-------

Cytochemistry & impedance/PS

Absolute Count

Absolute Neutrophil Count	2.30	x 10 ³ /μL	1.5 - 8.0
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Calculated

Absolute Lymphocyte Count	1.52	x 10 ³ /μL	1.02 - 3.55
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Calculated

Absolute Eosinophil Count	0.04	x 10 ³ /μL	0.04 - 0.44
----------------------------------	------	-----------------------	-------------

Calculated

Absolute Monocyte Count	0.20	x 10 ³ /μL	0.26 - 1.07
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Calculated

Absolute Basophil Count	0.04	x 10 ³ /μL	0.02 - 0.10
--------------------------------	------	-----------------------	-------------

Calculated

Test performed on fully automated 5 part differential cell counter.



Abhinav Junwal

DR ABHINAV JUNWAL (E16739)
 (Consultant Pathologist)

--- END OF REPORT ---



INTER LABORATORY COMPARISON RESULTS

Hematology

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
1	21 Aug 24	platelet	201745899	197		195		10%	2.0	-	yes	gopraj	gopraj
2	21 Aug 24	WBC	2017458399	4.10		4.10		10%	0.10	-	yes	gopraj	gopraj

Qualitative: Clinically comparable results shall be Concordance.
Clinically not comparable results shall be Disconcordance.

Sign of Doctor

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

Issue Date : 01.09.2023	
Amend No. --	Amend Date .
Issued by : Vinod Lonkar <i>Vinod</i>	Version No : 1
Approved by : Dr. Manish Karekar <i>Manish</i>	
Doc No. GEN-01	



CORRECTIVE ACTION & PREVENTIVE ACTION (CAPA)

Name of the Department:

Sr. No	Date	Non Conformity Observed	Root Cause Analysis	Corrective Action & Preventive Action	Date of Closure	Signature
1	7 Aug 24	Platlet	Random error	ILC done	7 Aug 24	[Signature]
2	7 Aug 24	WBC	Random error	ILC done	7 Aug 24	[Signature]

Issued by : Vinod Laxkar Vinod
 Approved by : Dr. [Signature] [Signature]
 Doc No. GEN-69
 Version No : 2
 Issued on : 01.03.2024
 Amend No
 Amend Date :



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
* Total Leucocytes (WBC) count	Horiba Yumizen H550	2.71	/ μ l	-
* Platelet Count	Horiba Yumizen H500	0.17	/ μ l	-
Haemoglobin	Horiba Yumizen H500	6.20	g/dL	-2.08

Legend @ : z score \leq 2.0 - Acceptable
! : 2.0 < z score < 3.0 - Warning
X : z score \geq 3 - Unacceptable
: Not Evaluated
⊙ : Delayed Result Entry
* : Not considered for evaluation.

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 02

Report Date : 10/07/2024

Analyte	Instrument	Result Value	Standard Unit
No Outlier			
Legend @ : Acceptable X : Unacceptable # : Not Evaluated ⓐ : Delayed Result Entry			

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____



Metropolis Healthcare Ltd., EQAS
 KRSNAA DIAGNOSTICS LTD ROHRU (1240)
 Outlier And Analyte Summary Report
 Result Details For Cycle No 240104 and Sample No 02

Report Date : 10/07/2024

Instrument : Matrix gel System

Analyte	Standard Unit	Result Value	Accepted Value
@ BG Type - ABO	-	Group B	Group B
@ BG Type - Rh	-	Positive	Positive

Instrument : Manual

Analyte	Standard Unit	Result Value	Accepted Value
@ Malaria Antigen - P. Falciparum	-	Non-reactive	Non-reactive
@ Malaria Antigen - P. Vivax	-	Non-reactive	Non-reactive

- Legend @ : Acceptable
 Ⓜ : Acceptable
 X : Unacceptable
 # : Not Evaluated
 Ⓞ : Delayed Result Entry

Total Parameters	4
Not Evaluated Parameters	0
Evaluated Parameters	4
Outlier Parameters (X)	0
EQAS Score Blood Group & Others	100.00 %

Dr Puneet Kumar Nigam

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



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Analyte	Instrument	Result Value	Standard Unit
No Outlier			
Legend @ : Acceptable			
X : Unacceptable			
# : Not Evaluated			
ⓐ Delayed Result Entry			

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____ Dated: _____



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Result Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Instrument : Matrix gel System

Analyte	Standard Unit	Result Value	Accepted Value
@ BG Type - ABO	-	Group A	Group A
@ BG Type - Rh	-	Positive	Positive

Instrument : Manual

Analyte	Standard Unit	Result Value	Accepted Value
@ Malaria Antigen - P. Falciparum	-	Non-reactive	Non-reactive
@ Malaria Antigen - P. Vivax	-	Non-reactive	Non-reactive

- Legend @ : Acceptable
 Ⓢ : Acceptable
 X : Unacceptable
 # : Not Evaluated
 Ⓞ : Delayed Result Entry

Total Parameters	4
Not Evaluated Parameters	0
Evaluated Parameters	4
Outlier Parameters (X)	0
EQAS Score Blood Group & Others	100.00 %

Dr Puneet Kumar Nigam

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 Mumbai - 400070



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Result Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Instrument : Lifotronic H-9

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ HbA1c	%	5.40	5.35	1.18	0.88

- Legend @ : Acceptable
: 2.0 < z score < 3.0 - Warning
X : z score ≥3 - Unacceptable
: Not Evaluated
⊙ : Delayed Result Entry
* : Not considered for evaluation.

Total Parameters	1
Not Evaluated Parameters	0
Evaluated Parameters	1
Outlier Parameters (X)	0
EQAS Score HbA1c	100.00 %

Dr Puneet Kumar Nigam

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Mumbai - 400070



Metropolis Healthcare Ltd., EQAS
KRSNAA DIAGNOSTICS LTD ROHRU (1240)
Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
Legend @ : z score \leq 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score \geq 3 - Unacceptable # : Not Evaluated ⊙ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____ Dated: _____



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Result Details For Cycle No 240104 and Sample No 02

Report Date : 10/07/2024

Instrument : Lifotronic H-9

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ HbA1c	%	7.70	7.75	0.58	0.88

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

X : z score ≥ 3 - Unacceptable

: Not Evaluated

⊙ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	1
Not Evaluated Parameters	0
Evaluated Parameters	1
Outlier Parameters (X)	0
EQAS Score HbA1c	100.00 %

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Mumbai - 400070

Analyte	Instrument	Result Value	Standard Unit	Z-Score
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No Outlier

- Legend
- @ : z score \leq 2.0 - Acceptable
 - | : 2.0 < z score < 3.0 - Warning
 - X : z score \geq 3 - Unacceptable
 - # : Not Evaluated
 - ⊙ : Delayed Result Entry
 - * : Not considered for evaluation.

Problem Classification:

Corrective Action:

Reviewed by:

Dated:

Instrument : -

Analyte	Standard Unit	Result Value	Accepted Value
# Diagnosis (Slide)	-	Leucopenia	
Legend @ : Acceptable ⊕ : Acceptable X : Unacceptable # : Not Evaluated ⊙ : Delayed Result Entry		Total Parameters 1 Not Evaluated Parameters 1 Evaluated Parameters 0 Outlier Parameters (X) 0 EQAS Score Haematology- Peripheral smear diagnosis	

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Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD ROHRU (1240)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 240104 and Sample No 01

Report Date : 10/07/2024

Analyte	Instrument	Result Value	Standard Unit
# Diagnosis (Slide)	-	Leucopenia	-
Legend @ : Acceptable X : Unacceptable # : Not Evaluated Ⓞ : Delayed Result Entry			

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____



PROFICIENCY TESTING REPORT
ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME
 NABL accredited program as per ISO/IEC 17043:2010 standard
 Organized By Department of Hematology, AIIMS, New Delhi-110029



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

EQAP CODE No. : 6080

Distribution No.: 163-0

Month/Year: April/2024

Instrument ID: HORIBA

Model Name.: YUMIZEN H550

Serial No.: 207YAXH03841

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: 05-06-2024[Final].

CBC and Retic Assessment

Test Parameters	S.No.	Among Lab (Accuracy Testing)						Within Lab (Precision Testing)			
		Your Result 1	Your Result 2	Your Results Sum of 2 Value	Consensus result sum of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	Yours Results Diff. of 2 Values	Consensus Result Diff. of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score
WBC x10 ³ /µl	1	3.76	3.44	7.2	9.92	0.029	-3.71	0.32	0.1	0.007	1.98
RBC x10 ⁶ /µl	1	5.29	5.21	10.5	10.24	0.014	0.70	0.08	0.05	0.003	0.58
Hb g/dl	1	15.5	15	30.5	29.8	0.035	0.79	0.5	0.1	0.009	2.70
HCT%	1	45.7	45	90.7	90.6	0.204	0.02	0.7	0.4	0.028	0.55
MCV-fl	1	86.4	86.4	172.8	177.3	0.277	-0.60	0	0.3	0.020	-1.01
MCH-Pg	1	29.9	28.3	58.2	58.3	0.080	-0.05	1.6	0.2	0.016	4.72
MCHC-g/dl	1	34.6	32.8	67.4	65.85	0.149	0.40	1.8	0.3	0.020	5.06
Plt. x10 ³ /µl	1	220	217	437	411	2.173	0.47	3	6	0.417	-0.44
Retic %	2	10		10							

P.S . Assesment

YOUR REPORT		CONSENSUS REPORT
DLC%	3 Nrbcs=1 , Poly=2 L=3, E=3, Mono/Promono=1 , B1=86 P.M.=, Mye=2, Meta=6, Other=ADVICE- FLOWCYTOMETRY FOR FURTHER EVALUATION OF THE CASE	Blast: 20-85, Poly: 2-8, Lympho: 2-7, Promyelo: 0-22, Myelo: 0-8, Meta: 0-7, nRBC/Mono/Eos/Baso/: 0-5
RBC Morphology	3 RBC- predominately normocytic normochromicred blood cells with few microcytes noted.normoblastemia noted 1n RBC/100WBC PRESENT.WBC-HYPERLEUCYTES WITH SHIFT TO LEFT UPTO BLAST STAGE NOTED.THESE ARE SEEN AS LARGE CELLS WITH HIGH N/C RATIO, IRREGULAR NUCLEA	Predominantly: Normocytic/Normochromic, Mild: Anisocytosis

Test Parameters	S.No.	Among Lab (Accuracy Testing)				Within Lab (Precision Testing)			
		Your Result 1	Your Result 2	Your Results Sum of 2 Value	Consensus result sum of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	Yours Results Diff. of 2 Values	Consensus Result Diff. of 2 values (Assigned Value)
Diagnosis	3	IMPRESSION- ACUTE LEUKAEMIA				Acute Promyelocytic Leukemia(APML)			

COMBINED DATA VALUES OF TOTAL PARTICIPANTS

Test parameters	S.No.	Total participants covered in the current dist. 163--0	Total No. responded	% of Labs with Z Score 0-2		% of Labs with Z Score 2-3		% of Labs with Z Score >3	
				Among labs	Within lab	Among labs	Within lab	Among labs	Within lab
WBC x10 ³ /µl	1	324	324	84.57	83.95	3.4	6.48	12.03	9.57
RBC x10 ⁶ /µl	1	324	324	87.35	88.27	5.56	5.56	7.09	6.17
Hb g/dl	1	324	324	89.2	91.67	6.79	3.09	4.01	5.24
HCT%	1	324	324	91.98	88.27	3.7	5.25	4.32	6.48
MCV-fl	1	324	324	91.98	84.88	4.01	7.41	4.01	7.71
MCH-Pg	1	324	324	87.35	91.67	7.72	2.16	4.93	6.17
MCHC-g/dl	1	324	324	90.43	87.35	5.56	4.63	4.01	8.02
Plt. x10 ³ /µl	1	324	324	88.27	89.51	5.86	5.25	5.87	5.24
ReticCount%	2	324	256	93.75	83.2	4.3	13.28	1.95	3.52
PS Assessment	3	324	254	Satisfactory :93.83%, Borderline Sat. :2.16%, Unsatisfactory :4.01%					

*Comments:

- 1). **Among Lab (EQA) : CBC result for WBC unacceptable, may be due to random/human error**
- 2). **Within Lab (IQA) : MCH, MCHC & RETIC unacceptable, please check precision/human error. Remaining 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 IQR)

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 > ±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 > ±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.



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

