EQAS Alert: Decoding BC-720's Platelet Outliers

Jithin Preetha

CONTENTS

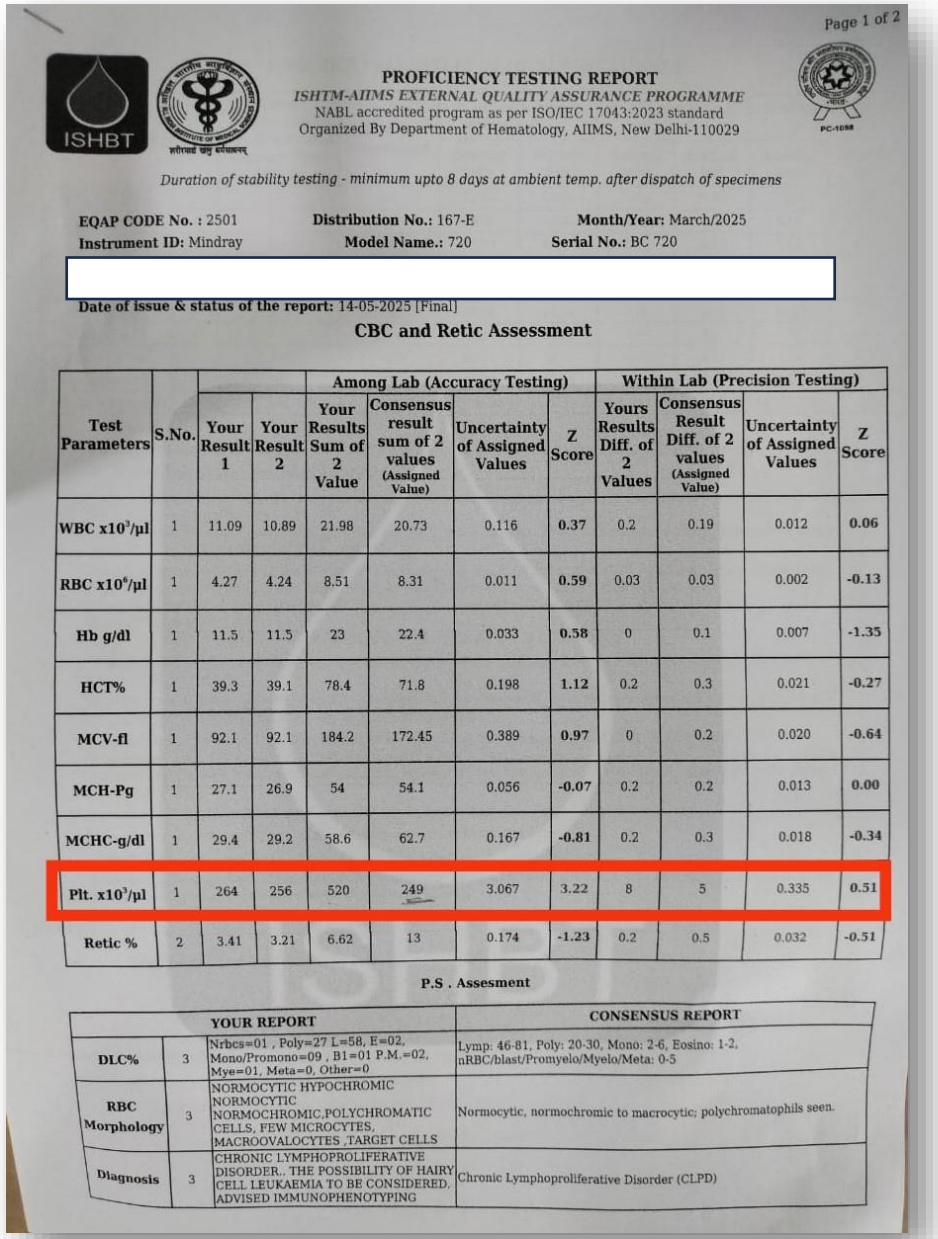
Case Background

- Customer have enrolled Mindray BC-720 Analyzer in EQA Survey of ISHTM-AIIMS .
- Customer feedback： For First EQA results show precision testing (within lab) is satisfactory for PLT, but PLT parameters are showing outlier in accuracy testing (among lab)

Problem & Customer request:

What caused the EQA results of PLT parameters outlier and how to solve this?

Case Background



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PROFICIENCY TESTING REPORT

ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME

NABL accredited program as per ISO/IEC 17043:2023 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. : 2501 **Distribution No.:** 167-E **Month/Year:** March/2025

Instrument ID: Mindray **Model Name.:** 720 **Serial No.:** BC 720

Date of issue & status of the report: 14-05-2025 [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 x10³/µl	1	11.09	10.89	21.98	20.73	0.116	0.37	0.2	0.19	0.012	0.06
RBC x10⁶/µl	1	4.27	4.24	8.51	8.31	0.011	0.59	0.03	0.03	0.002	-0.13
Hb g/dl	1	11.5	11.5	23	22.4	0.033	0.58	0	0.1	0.007	-1.35
HCT%	1	39.3	39.1	78.4	71.8	0.198	1.12	0.2	0.3	0.021	-0.27
MCV-fl	1	92.1	92.1	184.2	172.45	0.389	0.97	0	0.2	0.020	-0.64
MCH-Pg	1	27.1	26.9	54	54.1	0.056	-0.07	0.2	0.2	0.013	0.00
MCHC-g/dl	1	29.4	29.2	58.6	62.7	0.167	-0.81	0.2	0.3	0.018	-0.34
Plt. x10³/µl	1	264	256	520	249	3.067	3.22	8	5	0.335	0.51
Retic %	2	3.41	3.21	6.62	13	0.174	-1.23	0.2	0.5	0.032	-0.51

P.S . Assesment

		YOUR REPORT	CONSENSUS REPORT
DLC%	3	Nrbcs=01 , Poly=27 L=58, E=02, Mono/Promono=09 , B1=01 P.M.=02, Mye=01, Meta=0, Other=0	Lymp: 46-81, Poly: 20-30, Mono: 2-6, Eosino: 1-2, nRBC/blast/Promyelo/Myelo/Meta: 0-5
RBC Morphology	3	NORMOCYTIC HYPOCHROMIC NORMOCYTIC NORMOCHROMIC,POLYCHROMATIC CELLS, FEW MICROCYTES, MACROOVALOCYTES ,TARGET CELLS	Normocytic, normochromic to macrocytic; polychromatophils seen.
Diagnosis	3	CHRONIC LYMPHOPROLIFERATIVE DISORDER., THE POSSIBILITY OF HAIRY CELL LEUKAEMIA TO BE CONSIDERED. ADVISED IMMUNOPHENOTYPING	Chronic Lymphoproliferative Disorder (CLPD)

- ✓ The Result reported by Lab for PLT : 520 x10^3
- ✓ Peer Group Assigned Values for PLT : 249 x10^3
- ✓ Among Lab EQA : Z Score : 3.22 : **Rejected**
- ✓ With in Lab EQA : Z Score : 0.51 : **Acceptable**

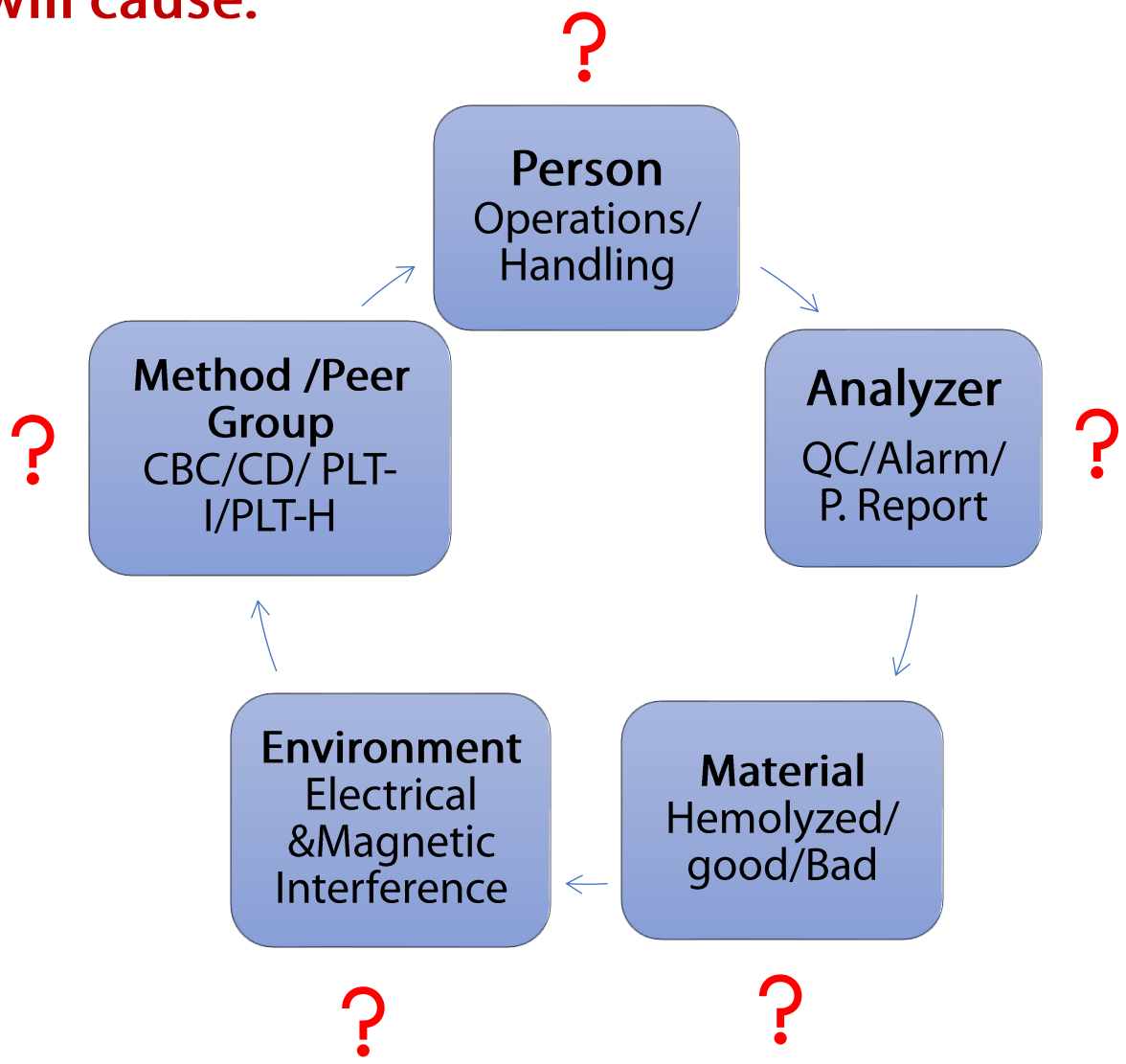
Z-Score Criteria as per EQAS

Z Score	Results
Between 0 to +-2.0	Results acceptable
Between +-2 to +- 2.5	Warning
Above +-2.5	Result unacceptable

- ➢ EQAS Report verified observed PLT parameters are showing outlier in Accuracy testing (among lab).
- ➢ Precision testing (within lab) is satisfactory for PLT.
- ➢ While the other EQAS parameters with in acceptable.
- ➢ Observed IQC and Patients results no issues observed

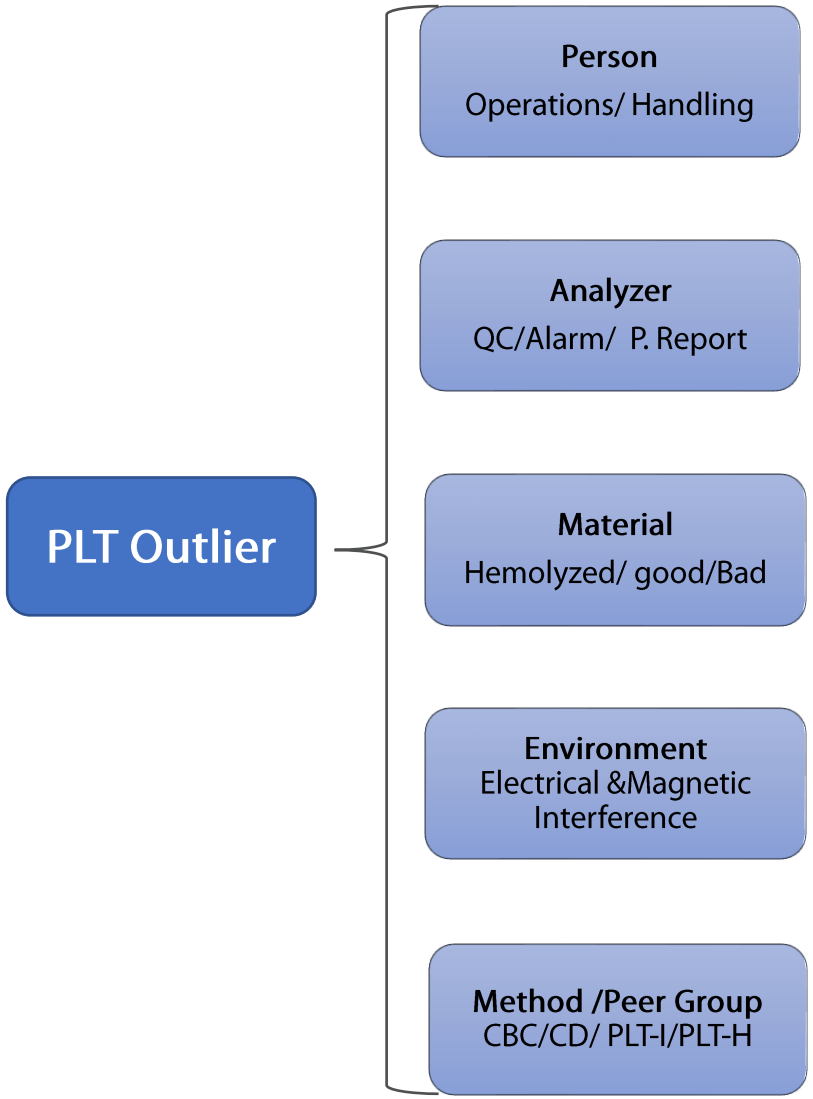
Troubleshooting

What reasons will cause:



Troubleshooting

What has been verified:



- ✓ Trained Technicians Handle the Instrument
- ✓ Verified the EQA sample Number & Details
- ✓ Followed Instruction for EQA Sample Handling - Organizer

- ✓ Calibration & IQC Observed satisfactory
- ✓ Maintenance & PM –Ok
- ✓ No abnormal Alarms IQC/Instrument etc.

- ✓ EQA Sample Good Condition –No Trace of Hemolysis.
- ✓ No Errors : Labelling / Sample mismatch
- ✓ Reagent used are not expired

- ✓ Laboratory Temperature under control
- ✓ No Electrical / Magnetic Interference

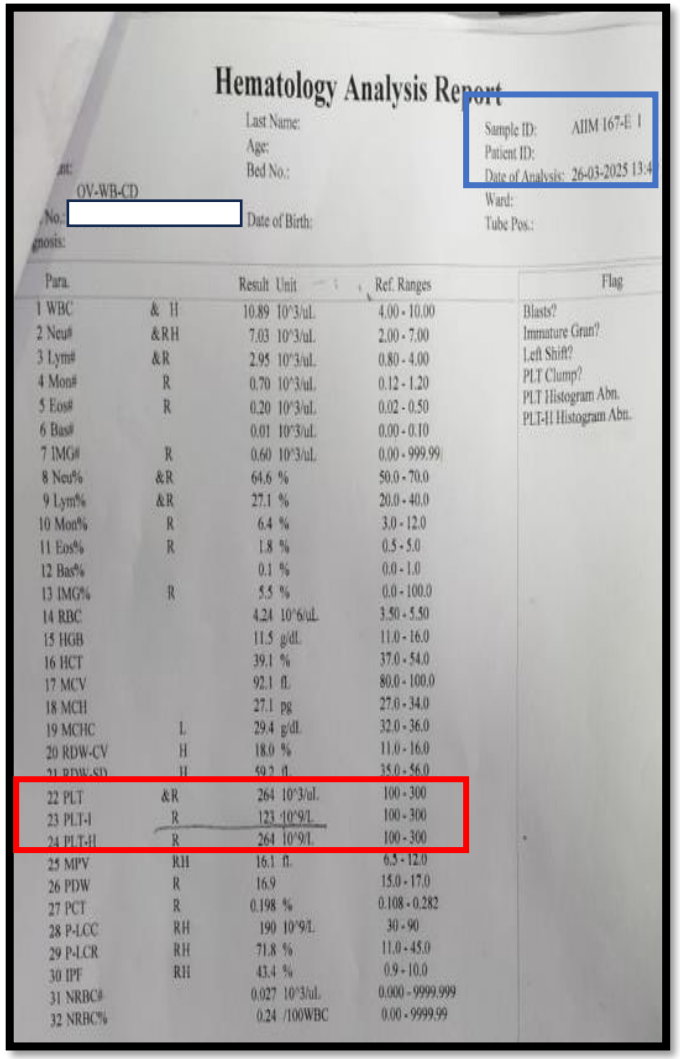
- ✓ Statistical procedure used in handling the data
- ✓ Grouping of the instrument or method is correct – Peer Group

?

Troubleshooting

Checked Original Test Results:

- Verified and Observed customer processed EQAS Samples in CD Mode in BC-720 is it correct mode to process EQAS Sample ?
- In CD Mode PLT-I & PLT-H will be measured and default PLT results released is PLT-H.
- Is there any values difference for PLT-I & PLT-H for EQAS samples ?.
- AIIMS EQAP not defined peer group for PLT-H –Wrong Peer Group Comparison ?.

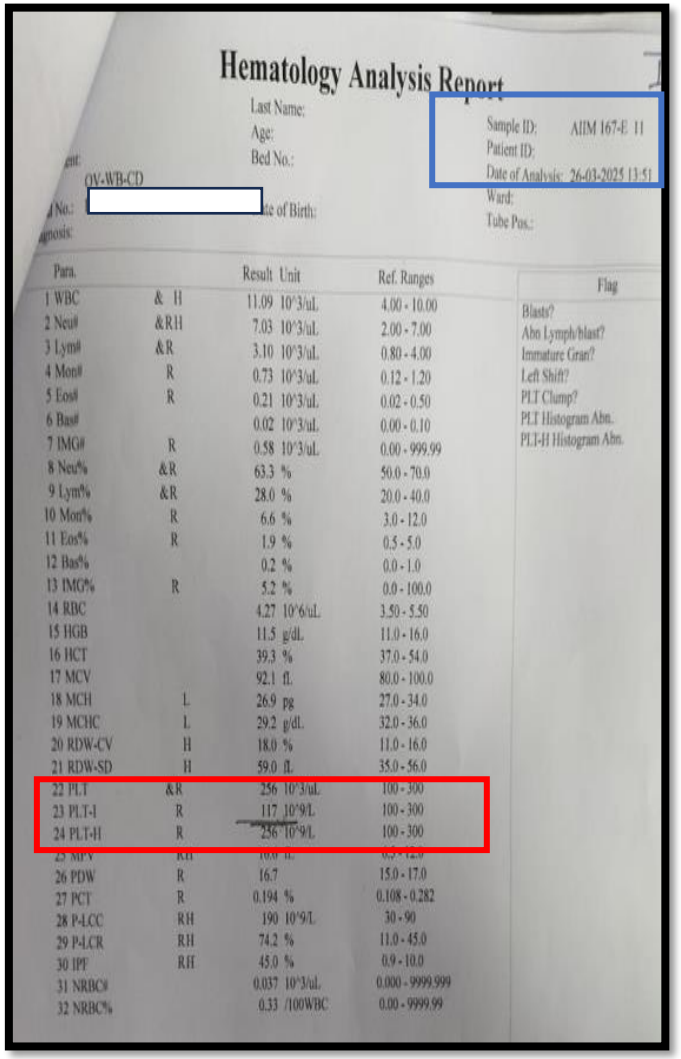


Hematology Analysis Report

Last Name:
Age:
Bed No.:
Sample ID: AIIM 167-E 1
Patient ID:
Date of Analysis: 26-03-2025 13:4
Ward:
Tube Pos.:
OV-WB-CD
Date of Birth:

Para.		Result	Unit	Ref. Ranges
1 WBC	& H	10.89	10^3/uL	4.00 - 10.00
2 Neu#	&RH	7.03	10^3/uL	2.00 - 7.00
3 Lym#	&R	2.95	10^3/uL	0.80 - 4.00
4 Mon#	R	0.70	10^3/uL	0.12 - 1.20
5 Eos#	R	0.20	10^3/uL	0.02 - 0.50
6 Bas#		0.01	10^3/uL	0.00 - 0.10
7 IMG#	R	0.60	10^3/uL	0.00 - 999.99
8 Neu%	&R	64.6	%	50.0 - 70.0
9 Lym%	&R	27.1	%	20.0 - 40.0
10 Mon%	R	6.4	%	3.0 - 12.0
11 Eos%	R	1.8	%	0.5 - 5.0
12 Bas%		0.1	%	0.0 - 1.0
13 IMG%	R	5.5	%	0.0 - 100.0
14 RBC		4.24	10^6/uL	3.50 - 5.50
15 HGB		11.5	g/dL	11.0 - 16.0
16 HCT		39.1	%	37.0 - 54.0
17 MCV		92.1	fL	80.0 - 100.0
18 MCH		27.1	pg	27.0 - 34.0
19 MCHC	L	29.4	g/dL	32.0 - 36.0
20 RDW-CV	H	18.0	%	11.0 - 16.0
21 RDW-SD	H	59.2	fL	35.0 - 56.0
22 PLT	&R	264	10^3/uL	100 - 300
23 PLT-I	R	123	10^9/L	100 - 300
24 PLT-H	R	264	10^9/L	100 - 300
25 MPV	RH	16.1	fL	6.5 - 12.0
26 PDW	R	16.9		15.0 - 17.0
27 PCT	R	0.198	%	0.108 - 0.282
28 P-LCC	RH	190	10^9/L	30 - 90
29 P-LCR	RH	71.8	%	11.0 - 45.0
30 IPF	RH	43.4	%	0.9 - 10.0
31 NRBC#		0.027	10^3/uL	0.000 - 9999.999
32 NRBC%		0.24	/100WBC	0.00 - 9999.99

Flag
Blasts?
Immature Gran?
Left Shift?
PLT Clump?
PLT Histogram Abn.
PLT-H Histogram Abn.



Hematology Analysis Report

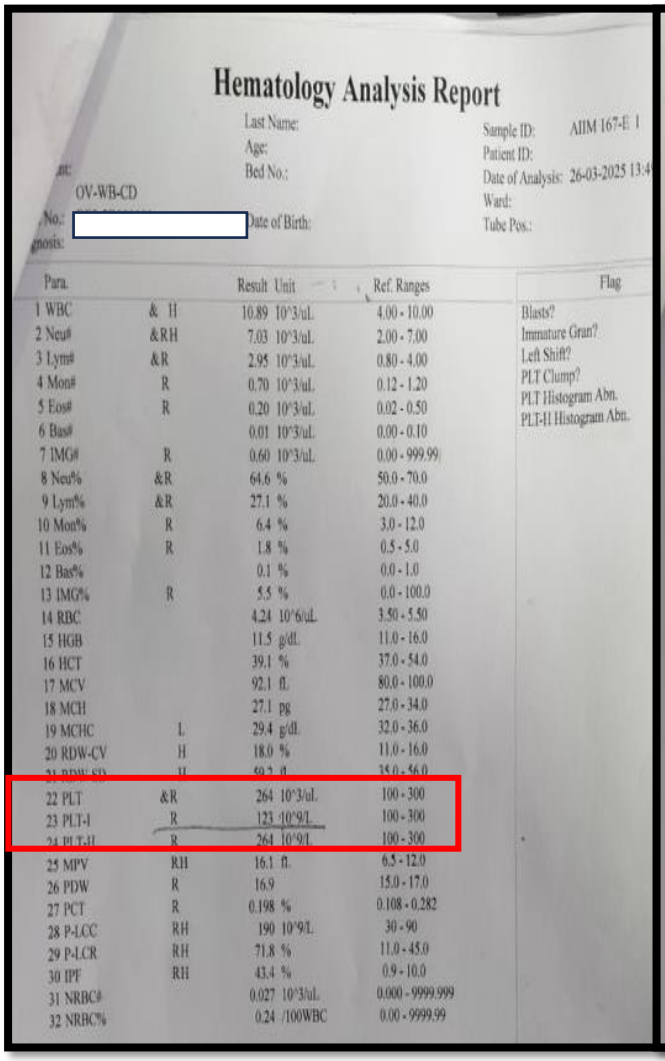
Last Name:
Age:
Bed No.:
Sample ID: AIIM 167-E 11
Patient ID:
Date of Analysis: 26-03-2025 13:51
Ward:
Tube Pos.:
OV-WB-CD
Date of Birth:

Para.		Result	Unit	Ref. Ranges
1 WBC	& H	11.09	10^3/uL	4.00 - 10.00
2 Neu#	&RH	7.03	10^3/uL	2.00 - 7.00
3 Lym#	&R	3.10	10^3/uL	0.80 - 4.00
4 Mon#	R	0.73	10^3/uL	0.12 - 1.20
5 Eos#	R	0.21	10^3/uL	0.02 - 0.50
6 Bas#		0.02	10^3/uL	0.00 - 0.10
7 IMG#	R	0.58	10^3/uL	0.00 - 999.99
8 Neu%	&R	63.3	%	50.0 - 70.0
9 Lym%	&R	28.0	%	20.0 - 40.0
10 Mon%	R	6.6	%	3.0 - 12.0
11 Eos%	R	1.9	%	0.5 - 5.0
12 Bas%		0.2	%	0.0 - 1.0
13 IMG%	R	5.2	%	0.0 - 100.0
14 RBC		4.27	10^6/uL	3.50 - 5.50
15 HGB		11.5	g/dL	11.0 - 16.0
16 HCT		39.3	%	37.0 - 54.0
17 MCV		92.1	fL	80.0 - 100.0
18 MCH	L	26.9	pg	27.0 - 34.0
19 MCHC	L	29.2	g/dL	32.0 - 36.0
20 RDW-CV	H	18.0	%	11.0 - 16.0
21 RDW-SD	H	59.0	fL	35.0 - 56.0
22 PLT	&R	256	10^3/uL	100 - 300
23 PLT-I	R	117	10^9/L	100 - 300
24 PLT-H	R	256	10^9/L	100 - 300
26 PDW	R	16.7		15.0 - 17.0
27 PCT	R	0.194	%	0.108 - 0.282
28 P-LCC	RH	190	10^9/L	30 - 90
29 P-LCR	RH	74.2	%	11.0 - 45.0
30 IPF	RH	45.0	%	0.9 - 10.0
31 NRBC#		0.037	10^3/uL	0.000 - 9999.999
32 NRBC%		0.33	/100WBC	0.00 - 9999.99

Flag
Blasts?
Abn Lymph/blast?
Immature Gran?
Left Shift?
PLT Clump?
PLT Histogram Abn.
PLT-H Histogram Abn.

Case Solution

EQAS REPORT : 1

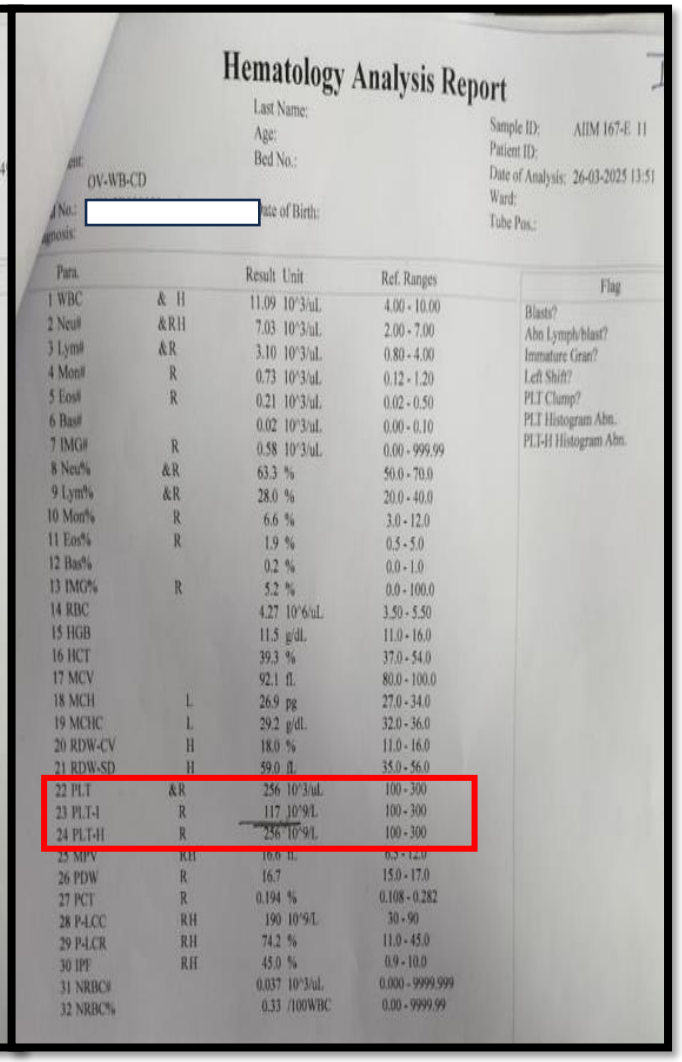


Hematology Analysis Report

Last Name:
Age:
Bed No.:
Sample ID: AIIM 167-E 1
Patient ID:
Date of Analysis: 26-03-2025 13:4
Ward:
Tube Pos.:
OV-WB-CD
Date of Birth:

Para.		Result	Unit	Ref. Ranges	Flag
1 WBC	& H	10.89	10^3/uL	4.00 - 10.00	Blasts?
2 Neu#	&RH	7.03	10^3/uL	2.00 - 7.00	Immature Gran?
3 Lym#	&R	2.95	10^3/uL	0.80 - 4.00	Left Shift?
4 Mon#	R	0.70	10^3/uL	0.12 - 1.20	PLT Clump?
5 Eos#	R	0.20	10^3/uL	0.02 - 0.50	PLT Histogram Abn.
6 Bas#		0.01	10^3/uL	0.00 - 0.10	PLT-H Histogram Abn.
7 IMG#	R	0.60	10^3/uL	0.00 - 999.99	
8 Neu%	&R	64.6	%	50.0 - 70.0	
9 Lym%	&R	27.1	%	20.0 - 40.0	
10 Mon%	R	6.4	%	3.0 - 12.0	
11 Eos%	R	1.8	%	0.5 - 5.0	
12 Bas%		0.1	%	0.0 - 1.0	
13 IMG%	R	5.5	%	0.0 - 100.0	
14 RBC		4.24	10^6/uL	3.50 - 5.50	
15 HGB		11.5	g/dL	11.0 - 16.0	
16 HCT		39.1	%	37.0 - 54.0	
17 MCV		92.1	fL	80.0 - 100.0	
18 MCH		27.1	pg	27.0 - 34.0	
19 MCHC	L	29.4	g/dL	32.0 - 36.0	
20 RDW-CV	H	18.0	%	11.0 - 16.0	
21 RDW-SD	H	59.2	fL	35.0 - 56.0	
22 PLT	&R	264	10^3/uL	100 - 300	
23 PLT-I	R	123	10^9/L	100 - 300	
24 PLT-H	R	264	10^9/L	100 - 300	
25 MPV	RH	16.1	fL	6.5 - 12.0	
26 PDW	R	16.9		15.0 - 17.0	
27 PCT	R	0.198	%	0.108 - 0.282	
28 P-LCC	RH	190	10^9/L	30 - 90	
29 P-LCR	RH	71.8	%	11.0 - 45.0	
30 IPF	RH	43.4	%	0.9 - 10.0	
31 NRBC#		0.027	10^3/uL	0.000 - 9999.999	
32 NRBC%		0.24	/100WBC	0.00 - 9999.99	

EQAS REPORT : 2



Hematology Analysis Report

Last Name:
Age:
Bed No.:
Sample ID: AIIM 167-E 11
Patient ID:
Date of Analysis: 26-03-2025 13:51
Ward:
Tube Pos.:
OV-WB-CD
Date of Birth:

Para.		Result	Unit	Ref. Ranges	Flag
1 WBC	& H	11.09	10^3/uL	4.00 - 10.00	Blasts?
2 Neu#	&RH	7.03	10^3/uL	2.00 - 7.00	Abn Lymph/blast?
3 Lym#	&R	3.10	10^3/uL	0.80 - 4.00	Immature Gran?
4 Mon#	R	0.73	10^3/uL	0.12 - 1.20	Left Shift?
5 Eos#	R	0.21	10^3/uL	0.02 - 0.50	PLT Clump?
6 Bas#		0.02	10^3/uL	0.00 - 0.10	PLT Histogram Abn.
7 IMG#	R	0.58	10^3/uL	0.00 - 999.99	PLT-H Histogram Abn.
8 Neu%	&R	63.3	%	50.0 - 70.0	
9 Lym%	&R	28.0	%	20.0 - 40.0	
10 Mon%	R	6.6	%	3.0 - 12.0	
11 Eos%	R	1.9	%	0.5 - 5.0	
12 Bas%		0.2	%	0.0 - 1.0	
13 IMG%	R	5.2	%	0.0 - 100.0	
14 RBC		4.27	10^6/uL	3.50 - 5.50	
15 HGB		11.5	g/dL	11.0 - 16.0	
16 HCT		39.3	%	37.0 - 54.0	
17 MCV		92.1	fL	80.0 - 100.0	
18 MCH	L	26.9	pg	27.0 - 34.0	
19 MCHC	L	29.2	g/dL	32.0 - 36.0	
20 RDW-CV	H	18.0	%	11.0 - 16.0	
21 RDW-SD	H	59.0	fL	35.0 - 56.0	
22 PLT	&R	256	10^3/uL	100 - 300	
23 PLT-I	R	117	10^9/L	100 - 300	
24 PLT-H	R	256	10^9/L	100 - 300	
25 MPV	RH	16.0	fL	6.5 - 12.0	
26 PDW	R	16.7		15.0 - 17.0	
27 PCT	R	0.194	%	0.108 - 0.282	
28 P-LCC	RH	190	10^9/L	30 - 90	
29 P-LCR	RH	74.2	%	11.0 - 45.0	
30 IPF	RH	45.0	%	0.9 - 10.0	
31 NRBC#		0.037	10^3/uL	0.000 - 9999.999	
32 NRBC%		0.33	/100WBC	0.00 - 9999.99	

AIMS EQAS SAMPLE -167 : Report -1

PLT-I : 123 x10^3

PLT-H : 264 x10^3

PLT : 264 x10^3

AIMS EQAS SAMPLE -167 : Report -2

PLT-I :117 x10^3

PLT-H : 256 x10^3

PLT : 256 x10^3

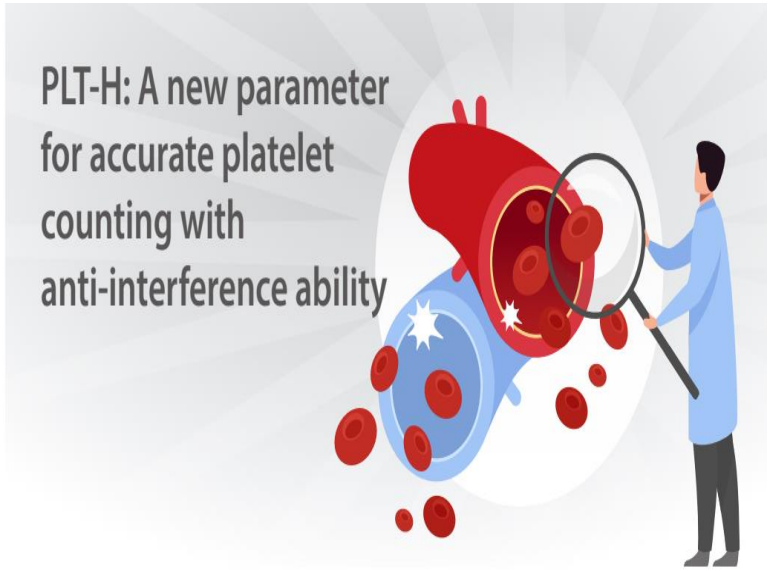
Peer Group Mean Data : 249 x10^3

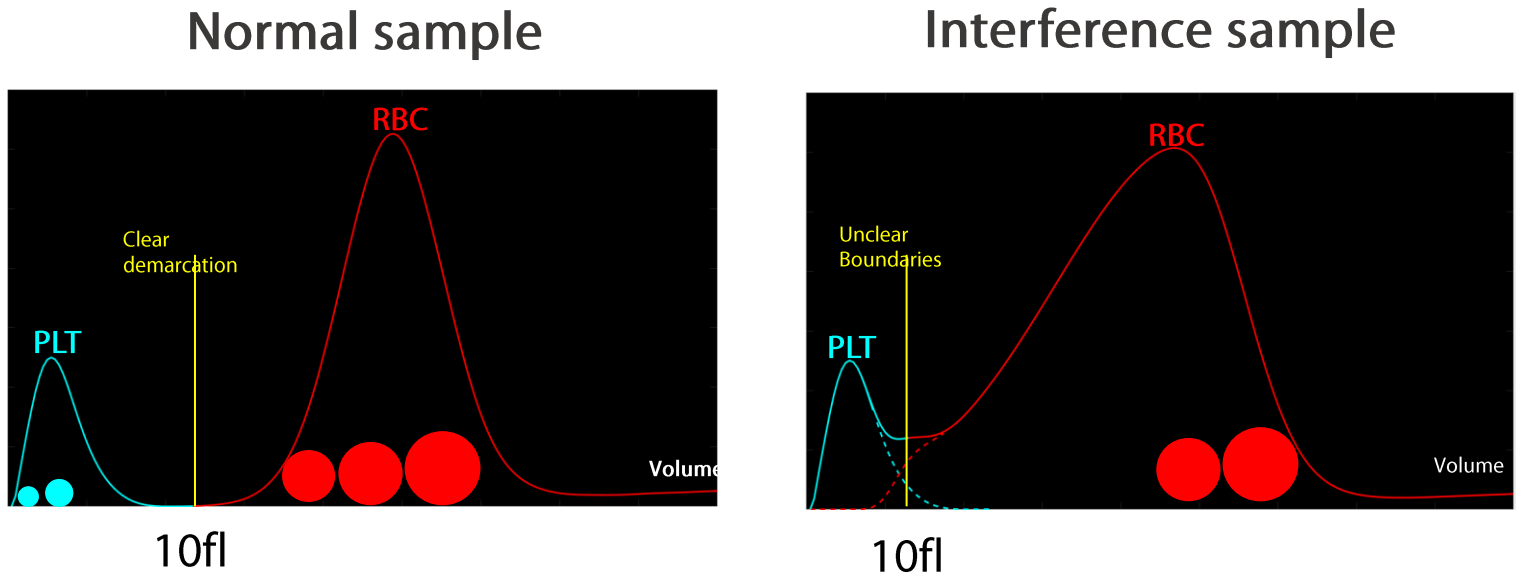
PLT-I : 123 + 117 = 240 x10^3

PLT-H : 264 + 256 = 520 x10^3

Observation : Customer reported PLT-H Instead of PLT-I. The peer group comparison data is with PLT-I.

PLT-H



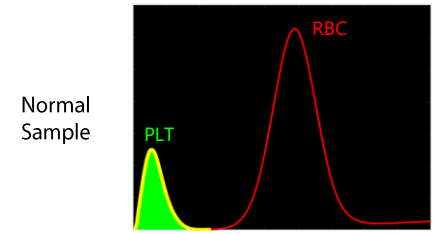


PLT-I : In the traditional impedance method, PLTs are subject to interferences that may lead to falsely high or falsel low results, the large PLTs are interfered by microcytic RBCs and fragments, but the small ones are not.

PLT-H : From the DIFF channel, the RBCs are dissolved by reagents, the PLT structure remains intact, and large PLTs are detected by the precise optical methodology. By combining the small PLTs from the conventional impedance method and, the large ones from the optical method, an accurate PLT count will be obtained.

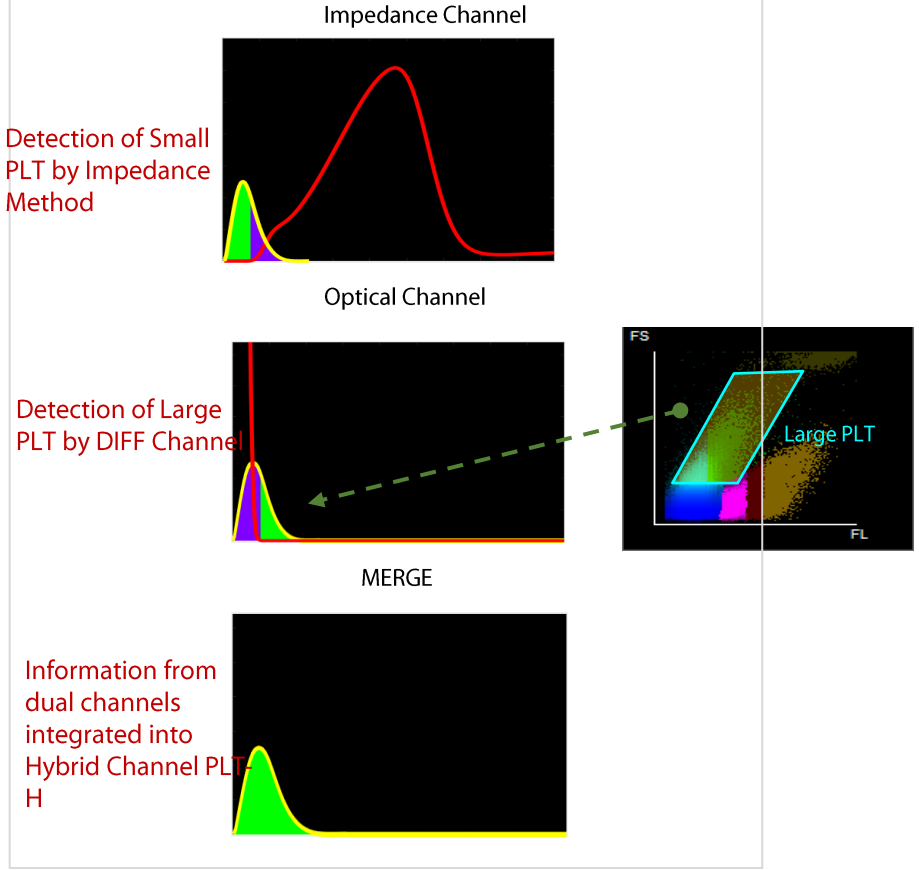
PLT-H in every CD tests

IMPEDANCE METHOD



False High	False Low
Small RBC Fragmented RBC	Large PLT PLT Clumps
Bleeding (without timely intervention)	Unnecessarily blood transfusion / high risk of infection

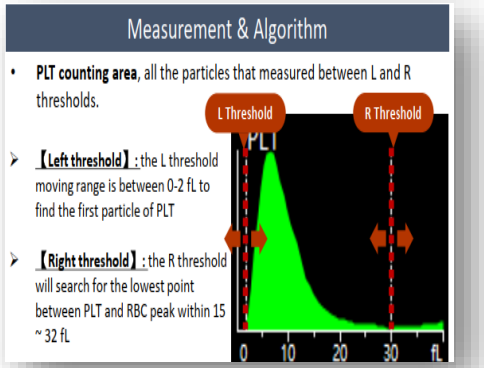
MINDRAY PLT-H

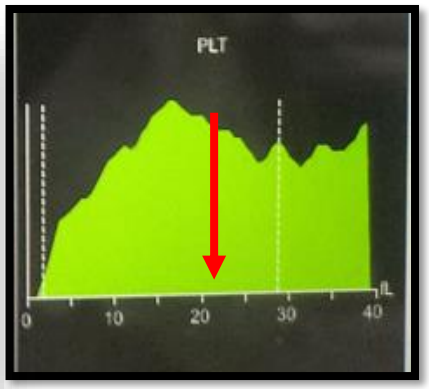


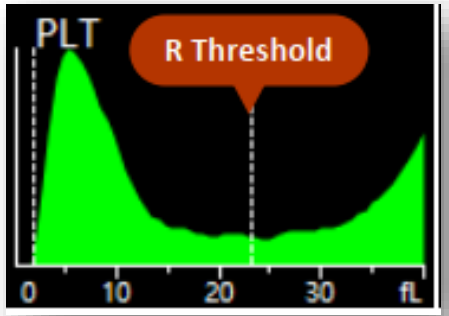
Troubleshooting

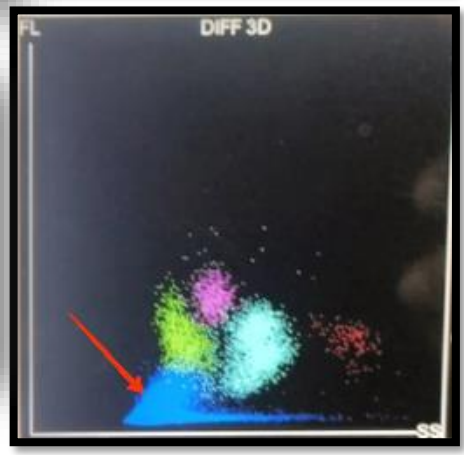
Why there is a difference between PLT-I and PLT-H in EQA Sample ?

- The most important property of the EQA sample is Commutability.
- A non-commutable EQA sample includes matrix related bias that occurs only in the EQA sample but not in authentic clinical patient Samples.
- Matrix relate bias is due to an unwanted distortion of the test result attributed to physical and chemical differences in the samples
- As EQAS is not true Blood sample itis Spiked / Artificially packed with cells, Tailored material, so SOP should be followed recommended by manufacture.



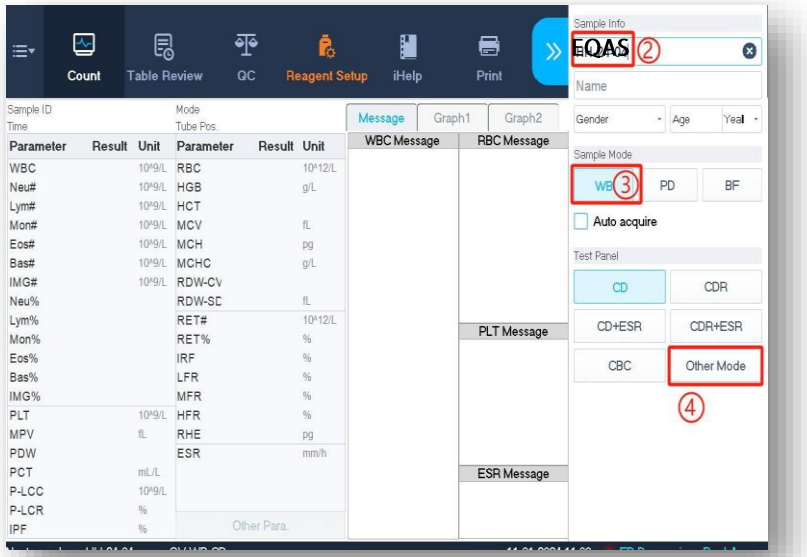


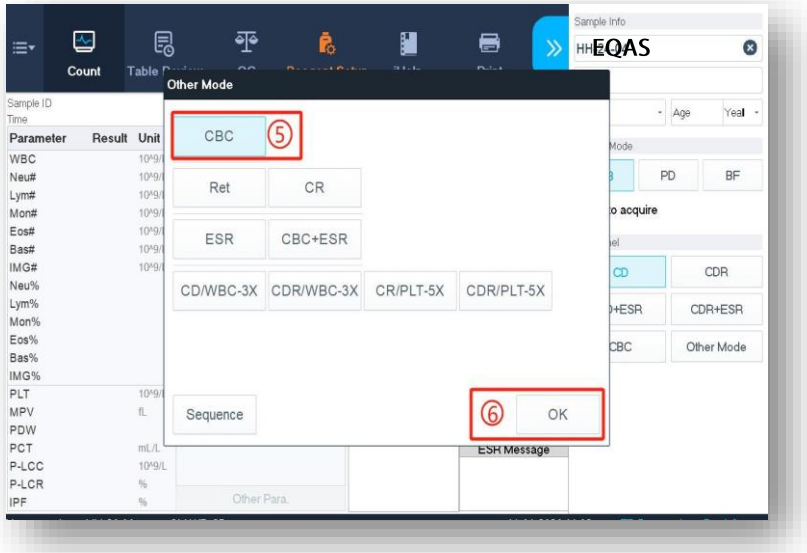




Reference : **External Quality Assessment in Laboratory Medicine by Gunn Berit Berge Kristensen*1, Piet Meijer2**

Case Solution





Proposed solutions for this Case:

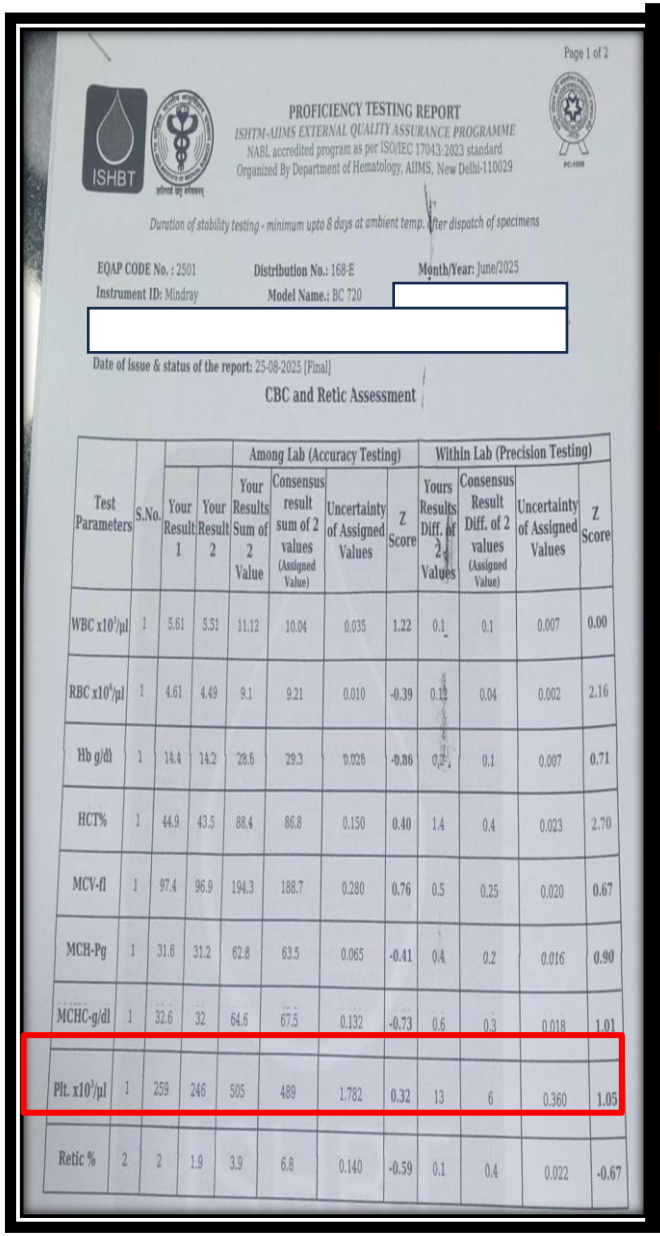
- ✓ Always Run EQA sample in CBC Mode for AIIMS-EQA
- ✓ All parameters in EQAP Scops cover under CBC Mode
- ✓ In CBC Mode PLT-I & CD Mode PLT-I & PLT-H –Default PLT-H released.
- ✓ Customer understood the problem and informed they will Run EQA in CBC Mode.

Tips: If there is no specified testing mode for other EQA projects, it is also possible to consider using quality control mode, as only PLT-I reports are used for PLT testing in quality control mode.

Case Solution

AIMS EQAS SAMPLE -168B - E: June/2025

- Latest result obtained for the Latest EQA sample (168B) had been found to be well within range.
- Performance of both Accuracy (Among Lab) and Precision (Within Lab) had been found satisfactory for PLT.
- Z score for PLT Indices – 0.32



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PROFICIENCY TESTING REPORT

ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME

NABL accredited program as per ISO/IEC 17043:2023 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

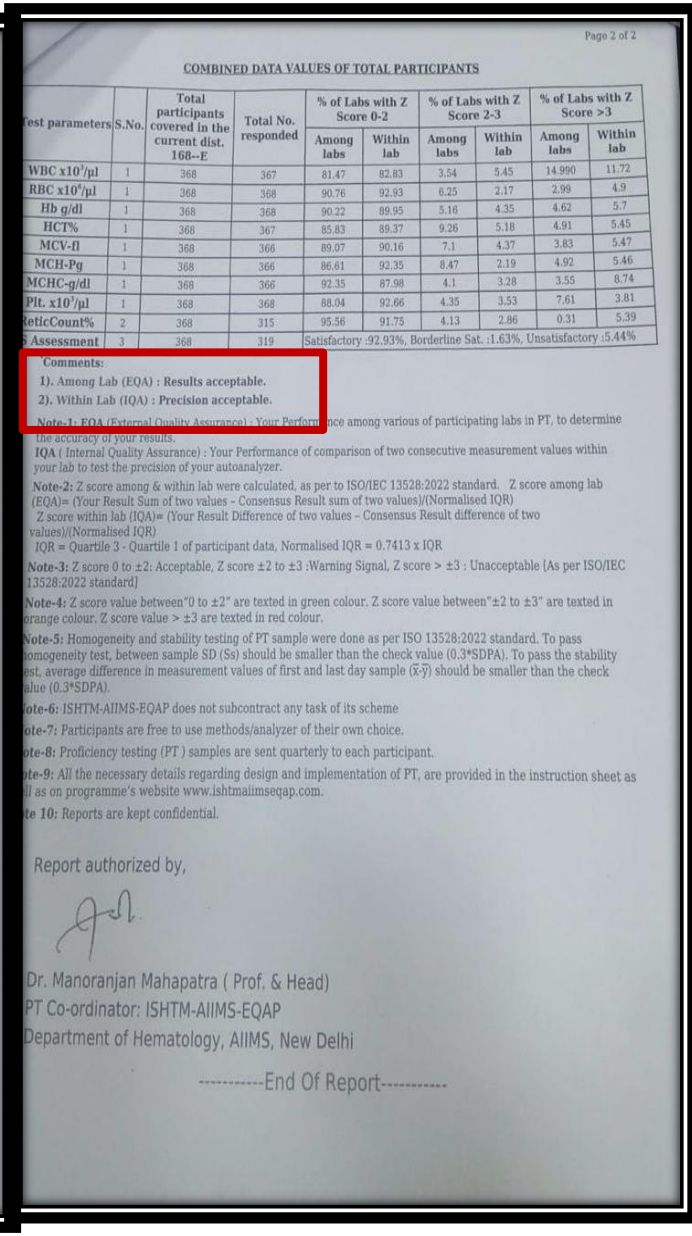
EQAP CODE No. : 2501 Distribution No.: 168-E Month/Year: June/2025

Instrument ID: Mindray Model Name.: BC 720

Date of issue & status of the report: 25-08-2025 [Final]

CBC and Retic Assessment

Test Parameters	S.No.	Your Result 1	Your Result 2	Among Lab (Accuracy Testing): Your Results Sum of 2 Value	Consensus result sum of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	Within Lab (Precision Testing): Yours Results Diff. of 2 Values	Consensus Result Diff. of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score
WBC x10³/µl	1	5.61	5.51	11.12	10.04	0.035	1.22	0.1	0.1	0.007	0.00
RBC x10⁶/µl	1	4.61	4.49	9.1	9.21	0.010	-0.39	0.12	0.04	0.002	2.16
Hb g/dl	1	14.4	14.2	28.6	29.3	0.026	-0.86	0.2	0.1	0.007	0.71
HCT%	1	44.9	43.5	88.4	86.8	0.150	0.40	1.4	0.4	0.023	2.70
MCV-fl	1	97.4	96.9	194.3	188.7	0.280	0.76	0.5	0.25	0.020	0.67
MCH-Pg	1	31.8	31.2	62.8	63.5	0.065	-0.41	0.4	0.2	0.016	0.90
MCHC-g/dl	1	32.6	32	64.6	67.5	0.132	-0.73	0.6	0.3	0.018	1.01
Plt. x10³/µl	1	259	246	505	489	1.782	0.32	13	6	0.360	1.05
Retic %	2	2	1.9	3.9	6.8	0.140	-0.59	0.1	0.4	0.022	-0.67



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COMBINED DATA VALUES OF TOTAL PARTICIPANTS

Test parameters	S.No.	Total participants covered in the current dist. 168--E	Total No. responded	% of Labs with Z Score 0-2: Among labs	% of Labs with Z Score 0-2: Within lab	% of Labs with Z Score 2-3: Among labs	% of Labs with Z Score 2-3: Within lab	% of Labs with Z Score >3: Among labs	% of Labs with Z Score >3: Within lab
WBC x10³/µl	1	368	367	81.47	82.83	3.54	5.45	14.990	11.72
RBC x10⁶/µl	1	368	368	90.76	92.93	6.25	2.17	2.99	4.9
Hb g/dl	1	368	368	90.22	89.95	5.16	4.35	4.62	5.7
HCT%	1	368	367	85.83	89.37	9.26	5.18	4.91	5.45
MCV-fl	1	368	366	89.07	90.16	7.1	4.37	3.83	5.47
MCH-Pg	1	368	366	86.61	92.35	8.47	2.19	4.92	5.46
MCHC-g/dl	1	368	366	92.35	87.98	4.1	3.28	3.55	8.74
Plt. x10³/µl	1	368	368	88.04	92.66	4.35	3.53	7.61	3.81
ReticCount%	2	368	315	95.56	91.75	4.13	2.86	0.31	5.39
Assessment	3	368	319	Satisfactory :92.93%, Borderline Sat. :1.63%, Unsatisfactory :5.44%					

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 13528:2022 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 13528:2022 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 13528:2022 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.

Report authorized by,

Dr. Manoranjan Mahapatra (Prof. & Head)

PT Co-ordinator: ISHTM-AIIMS-EQAP

Department of Hematology, AIIMS, New Delhi

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

Summary

✓ EQA Outliers Should Lead to Corrective Actions :

"Corrective Actions" : An action taken to correct a problem or deficiency

✓ Steps for Corrective Actions :

✓ PLT-H Results is more Accurate than PLT-I, Due to Matrix effect EQAS sample is not Compatible with PLT-H

✓ Guidance should be given to customer to Process EQAS in CBC mode to Avoid outliers.

THANK YOU

mindray 迈瑞