

### Exceptions

Analyte	Instrument	Result	Unit	Z-score	Comparator
Hematocrit	Mindray BC-5150	19.2	%	0.88	Peer
Hemoglobin, Total	Mindray BC-5150	5.8	g/dL	-0.30	Peer
MCH	Mindray BC-5150	26.9	fmol/cell	507	Peer
MCHC	Mindray BC-5150	30.1	g/dL	-1.08	Peer
MCV	Mindray BC-5150	89.5	fL (cubic $\mu$ m)	0.10	Peer
MPV	Mindray BC-5150	10.4	fL (cubic $\mu$ m)	0.42	Mode
Platelets	Mindray BC-5150	48*	G/L (1E+9/L)	-0.47	Peer
RDW	Mindray BC-5150	20.8	%	-0.05	Peer
RDW-SD	Mindray BC-5150	67.6	fL (cubic $\mu$ m)	0.77	Peer
Red Blood Cells	Mindray BC-5150	2.14	M/ $\mu$ L	0.53	Peer
WBC	Mindray BC-5150	2.7*	G/L (1E+9/L)	-1.30	Peer

Legend: No Warnings Missing Result Late Results  $2.0 \leq |Z\text{-score}| < 3.0$   $|Z\text{-score}| \geq 3.0$  \* Amended Result (per participant's request)

### EQAS News

IMPORTANT: Place your order for the next cycle now by contacting your Bio-Rad Representative.



Bio-Rad Laboratories is accredited to ISO/IEC 17043:2010. Refer to the User Guide for additional information on the EQAS Program, EQAS reports, their interpretation, statistics, and contact details.

### Customer Information

**Lab: 205125**

**Attn: MR SENTHIL KUMAR  
SRI BALAJI CLINICAL LABORATORY  
NO  
43 ,NATESAN STREET, MANNARGUDI  
TRICHY KERALA 614001  
INDIA**

**Lab 205125**

SRI BALAJI CLINICAL LABORATORY  
NO  
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TRICHY KERALA 614001  
INDIA

**Configuration Report  
Hematology Program****Cycle 14**

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300

**Selected Options:**

Data Input: Online  
Report Receipt: QCNet  
Subgroup Number: None

**Instrument**

2844 – Mindray BC-5150

Analyte	Method	Reagent	Unit
297 HCT	103 Calculated	0006 Dedicated Reagent	93 %
296 HGB	004 Colorimetric	0006 Dedicated Reagent	15 g/dL
351 MCH	103 Calculated	0006 Dedicated Reagent	55 fmo/cell
352 MCHC	103 Calculated	0006 Dedicated Reagent	15 g/dL
307 MCV	094 Electrical impedance	0006 Dedicated Reagent	23 fL (cubic $\mu$ m)
363 MPV	103 Calculated	0006 Dedicated Reagent	23 fL (cubic $\mu$ m)
356 PLT	094 Electrical impedance	0006 Dedicated Reagent	43 G/L (1E+9/L)
295 RBC	094 Electrical impedance	0006 Dedicated Reagent	20 M/ $\mu$ L
355 RDW	103 Calculated	0006 Dedicated Reagent	93 %
1351 RDW-SD	103 Calculated	0006 Dedicated Reagent	23 fL (cubic $\mu$ m)
294 WBC	098 Light scattering	0006 Dedicated Reagent	43 G/L (1E+9/L)



Lab 205125

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Sample Summary Report  
Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Instrument: Mindray BC-5150

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
Hematocrit	%	19.2	18.7	0.88	0.88	Peer
Hemoglobin, Total	g/dL	5.8	5.84	-0.30	-0.30	Peer
MCH	fmol/cell	26.9	1.71	507	507	Peer
MCHC	g/dL	30.1	31.1	-1.08	-1.08	Peer
MCV	fL (cubic $\mu$ m)	89.5	89.2	0.10	0.10	Peer
MPV	fL (cubic $\mu$ m)	10.4	10.0	0.42	0.42	Mode
Platelets	G/L (1E+9/L)	48*	49.5	-0.47	-0.47	Peer
RDW	%	20.8	20.8	-0.05	-0.05	Peer
RDW-SD	fL (cubic $\mu$ m)	67.6	66.9	0.77	0.77	Peer
Red Blood Cells	M/ $\mu$ L	2.14	2.11	0.53	0.53	Peer
WBC	G/L (1E+9/L)	2.7*	2.78	-1.30	-1.30	Peer

Legend: No Warnings Missing Result Late Results  $2.0 \leq |Z\text{-score}| < 3.0$   $|Z\text{-score}| \geq 3.0$   
 \* Amended Result (per participant's request) Non-robust determination of Mean and SD

Problem Classification: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_



Lab 205125

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**Hematocrit Report  
Hematology Program**

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

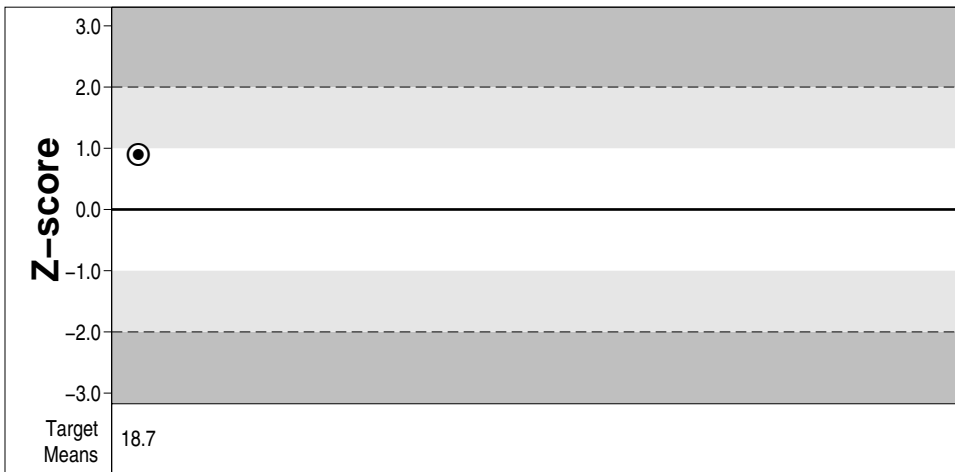
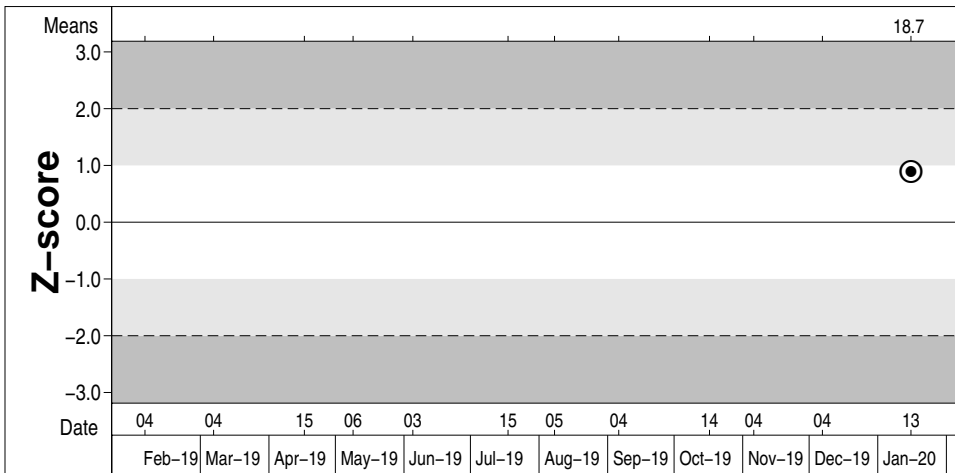
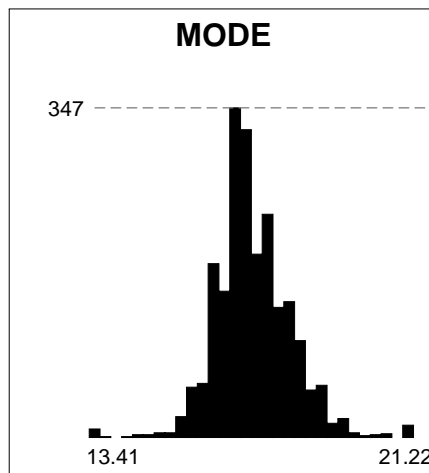
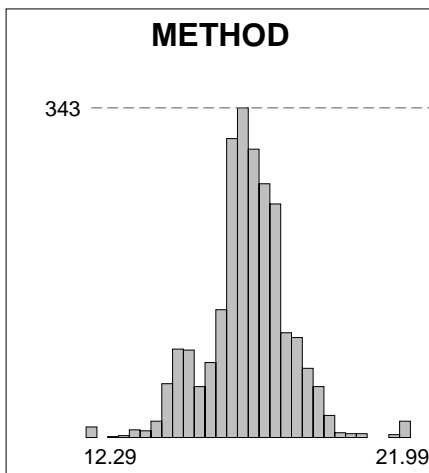
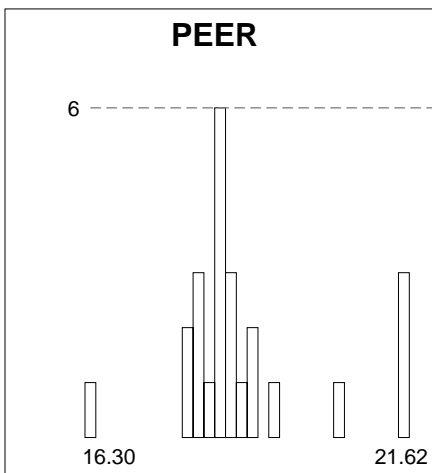
**Your Result**  
**19.2 %**

- ◆ Your Mode
- Your Method
- Your Peer

**Comparative Statistics**

**Your Deviation**

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	2144	17.3	0.781	4.51	0.042	2.42	2.42	10.9
Your Method	2404	17.1	0.970	5.66	0.049	2.12	2.12	12.0
Your Peer	24	18.7	0.587	3.14	0.300	0.88	0.88	2.78



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Calculated Dedicated Reagent	329	17.0	2.41	0.057
Siemens ADVIA 120/2120/2120i Calculated Dedicated Reagent	168	15.1	2.77	0.081
Sysmex XN-L Series Calculated Dedicated Reagent	162	17.1	1.81	0.061
Beckman Coulter UniCel DxH Series Calculated Dedicated Reagent	121	17.4	1.71	0.068
Abbott CELL-DYN Ruby Calculated Dedicated Reagent	116	15.1	3.05	0.107
Sysmex KX-21 Calculated Dedicated Reagent	114	16.8	2.74	0.108
Sysmex XS Series Calculated Dedicated Reagent	112	17.7	2.57	0.107
Mindray BC-20/20s/30/30s (BeneSpher... Calculated Dedicated Reagent	89	17.6	2.77	0.129
Sysmex XT Series Calculated Dedicated Reagent	88	17.9	2.33	0.111

**Hematocrit 14 : 10**  
CYCLE SAMPLE



Lab 205125

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TRICHY KERALA 614001  
INDIA

### Hemoglobin, Total Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

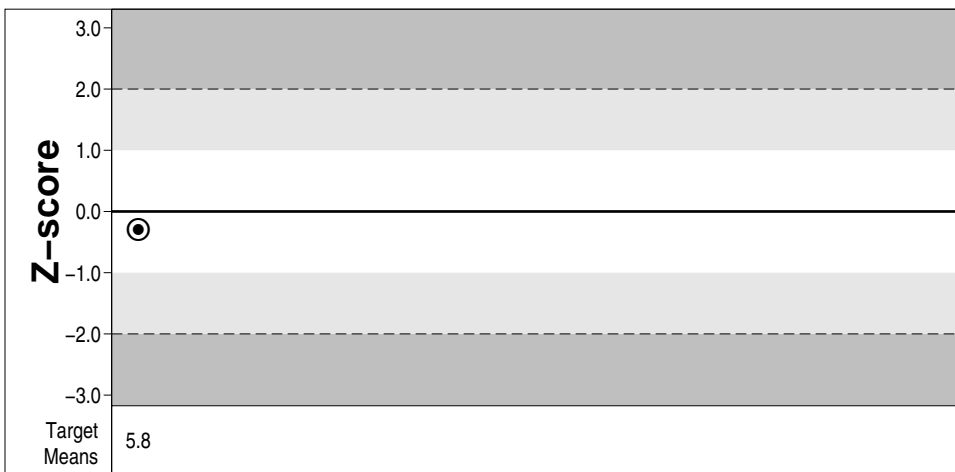
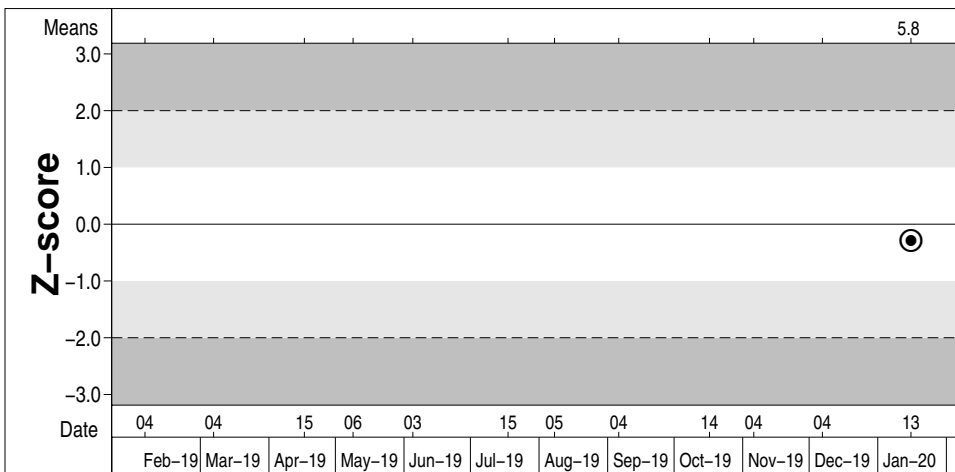
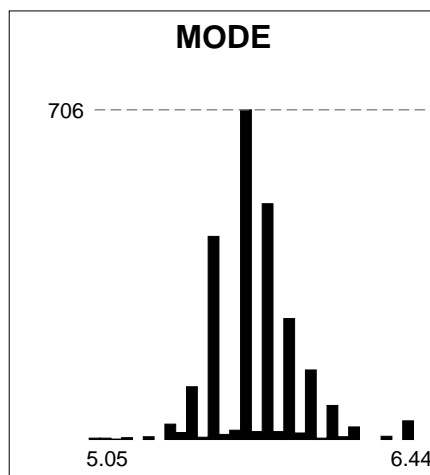
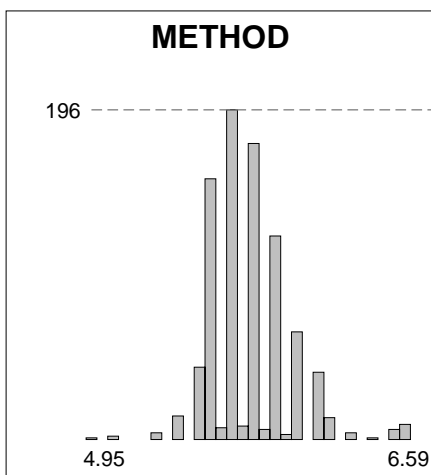
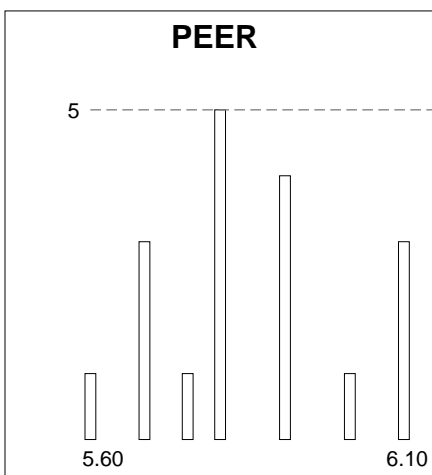
**Your Result**  
**5.8 g/dL**

- Your Mode
- Your Method
- Your Peer

#### Comparative Statistics

#### Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	2472	5.74	0.139	2.42	0.007	0.42	0.42	1.02
Your Method	873	5.77	0.164	2.83	0.014	0.18	0.18	0.499
Your Peer	18	5.84	0.139	2.38	0.082	-0.30	-0.30	-0.722



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Photometric Dedicated Reagent	240	5.69	1.57	0.014
Sysmex XN-L Series Photometric Dedicated Reagent	132	5.65	1.28	0.016
Siemens ADVIA 120/2120/2120i Photometric Dedicated Reagent	130	5.93	2.04	0.027
Beckman Coulter UniCel DxH Series Photometric Dedicated Reagent	97	5.71	1.32	0.010
Sysmex XS Series Photometric Dedicated Reagent	90	5.65	1.84	0.027
Sysmex XN 1000/2000/3000/9000 Colorimetric Dedicated Reagent	88	5.69	1.61	0.024
Abbott CELL-DYN Ruby Photometric Dedicated Reagent	84	5.78	2.24	0.035
Mindray BC-20/20s/30/30s (BeneSpher... Colorimetric Dedicated Reagent	78	5.93	2.94	0.049
Sysmex XT Series Photometric Dedicated Reagent	75	5.73	1.50	0.025

**Hemoglobin, Total 14 : 10**  
CYCLE SAMPLE



Lab 205125

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INDIA

MCH Report  
Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

Your Result

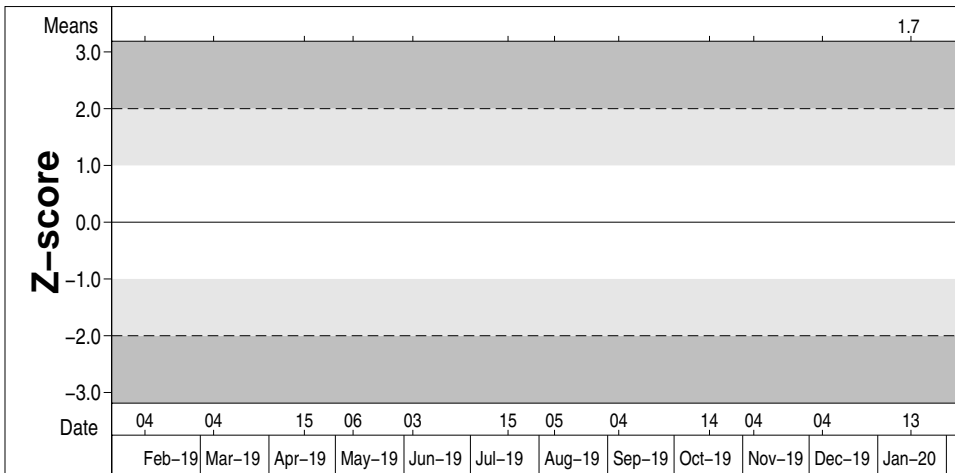
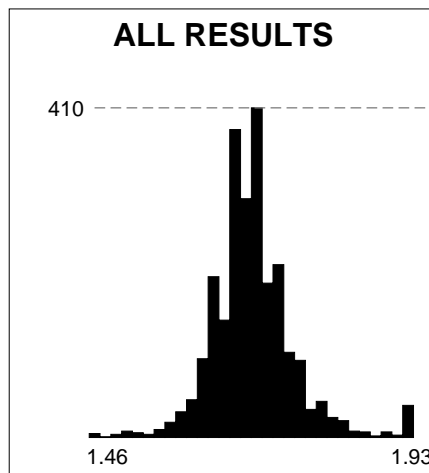
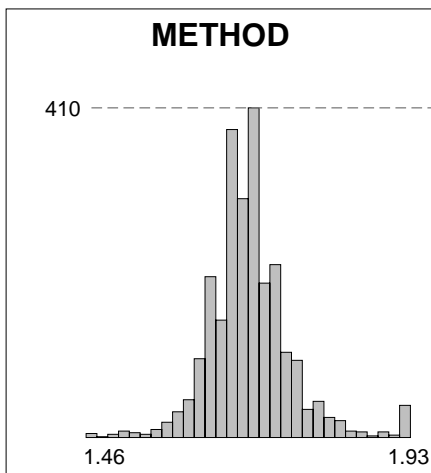
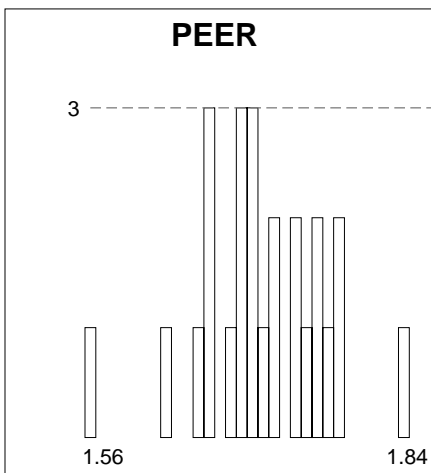
26.9 fmol/cell

- ◆ All Results
- Your Method
- Your Peer

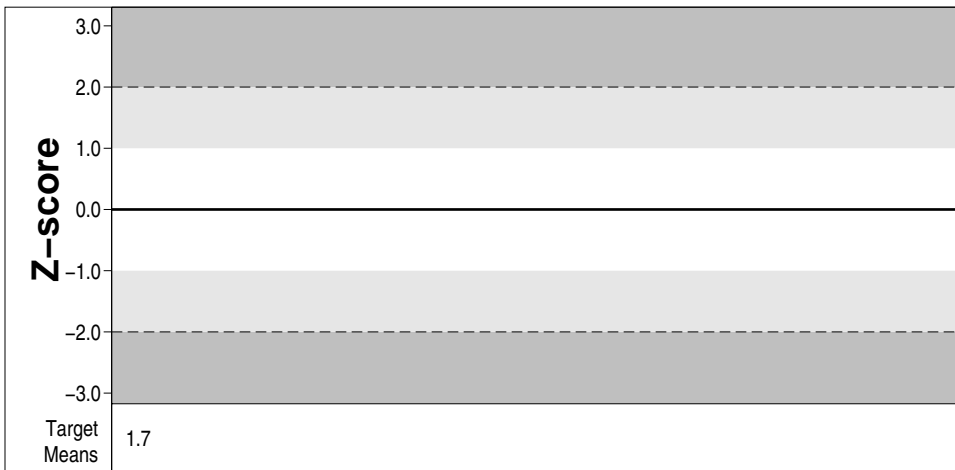
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
◆ All Results	2472	1.69	0.047	2.76	0.002	541	541	1490
■ Your Method	2472	1.69	0.047	2.76	0.002	541	541	1490
● Your Peer	25	1.71	0.050	2.90	0.025	507	507	1469



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Calculated Dedicated Reagent	339	1.69	1.63	0.004
Siemens ADVIA 120/2120/2120i Calculated Dedicated Reagent	169	1.72	2.66	0.009
Sysmex XN-L Series Calculated Dedicated Reagent	161	1.69	1.41	0.005
Sysmex XS Series Calculated Dedicated Reagent	127	1.68	1.72	0.006
Sysmex KX-21 Calculated Dedicated Reagent	121	1.67	2.77	0.011
Beckman Coulter UniCel DxH Series Calculated Dedicated Reagent	118	1.71	1.66	0.007
Abbott CELL-DYN Ruby Calculated Dedicated Reagent	116	1.70	2.83	0.011
Sysmex XP-100 Calculated Dedicated Reagent	102	1.66	2.56	0.011
Mindray BC-20/20s/30/30s (BeneSpher... Calculated Dedicated Reagent	89	1.76	2.56	0.012



MCH 14 : 10  
CYCLE SAMPLE



Lab 205125

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TRICHY KERALA 614001  
INDIA

### MCHC Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

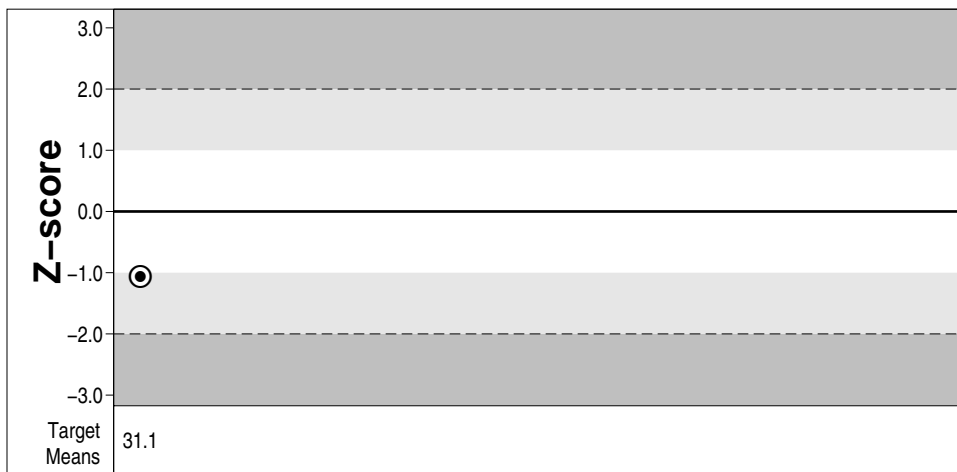
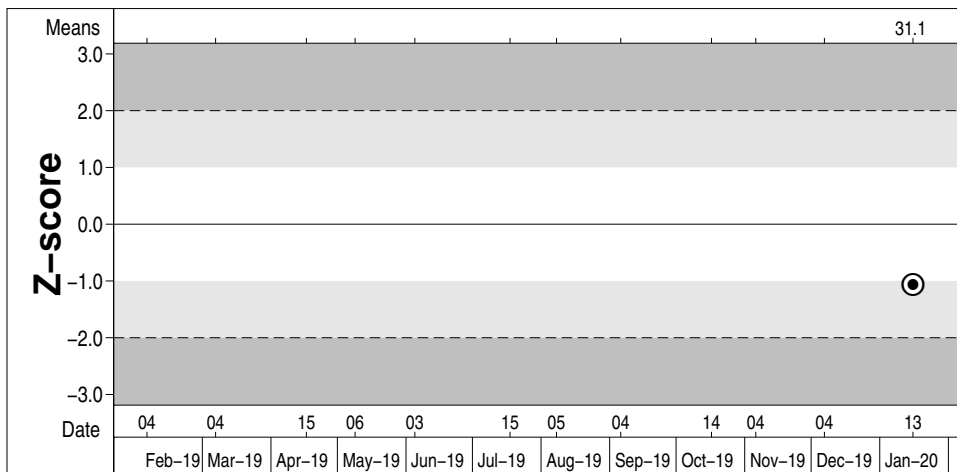
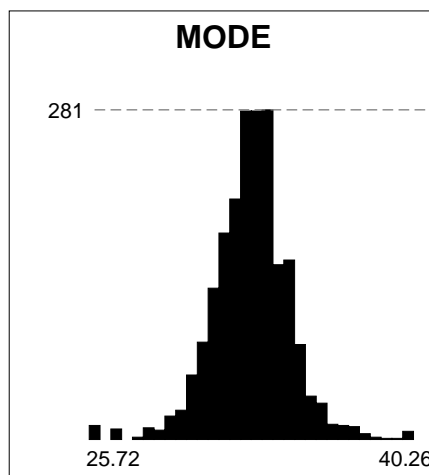
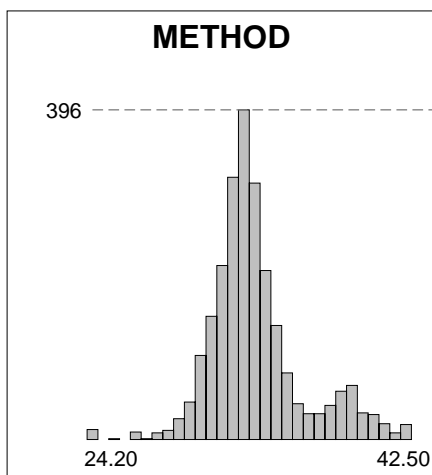
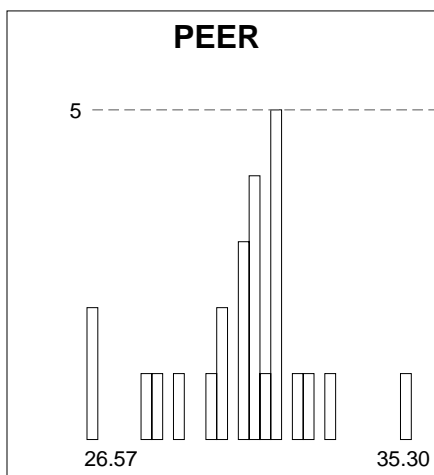
Your Result  
**30.1 g/dL**

- ◆ Your Mode
- Your Method
- ◎ Your Peer

#### Comparative Statistics

#### Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	2078	33.0	1.45	4.41	0.080	-1.99	-1.99	-8.75
Your Method	2385	33.3	1.83	5.49	0.094	-1.77	-1.77	-9.74
Your Peer	25	31.1	0.901	2.90	0.451	-1.08	-1.08	-3.13



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Calculated Dedicated Reagent	326	33.4	2.29	0.106
Siemens ADVIA 120/2120/2120i Calculated Dedicated Reagent	170	39.3	3.00	0.226
Sysmex XN-L Series Calculated Dedicated Reagent	162	33.0	1.80	0.117
Sysmex XS Series Calculated Dedicated Reagent	126	31.9	2.73	0.194
Abbott CELL-DYN Ruby Calculated Dedicated Reagent	119	38.5	3.35	0.295
Beckman Coulter UniCel DxH Series Calculated Dedicated Reagent	119	32.8	1.93	0.145
Sysmex KX-21 Calculated Dedicated Reagent	109	34.2	3.09	0.253
Sysmex XP-100 Calculated Dedicated Reagent	91	34.0	3.25	0.290
Sysmex XT Series Calculated Dedicated Reagent	83	32.0	2.41	0.211

**MCHC 14 : 10**  
CYCLE SAMPLE



**Lab 205125**  
 SRI BALAJI CLINICAL LABORATORY  
 NO  
 43 ,NATESAN STREET, MANNARGUDI  
 TRICHY KERALA 614001  
 INDIA

**MCV Report  
 Hematology Program**

**Cycle 14**  
 Apr 2019 – Mar 2020  
 Sample No: 10  
 Sample Date: 13 Jan 20  
 Lot No: 261300



Mindray BC-5150

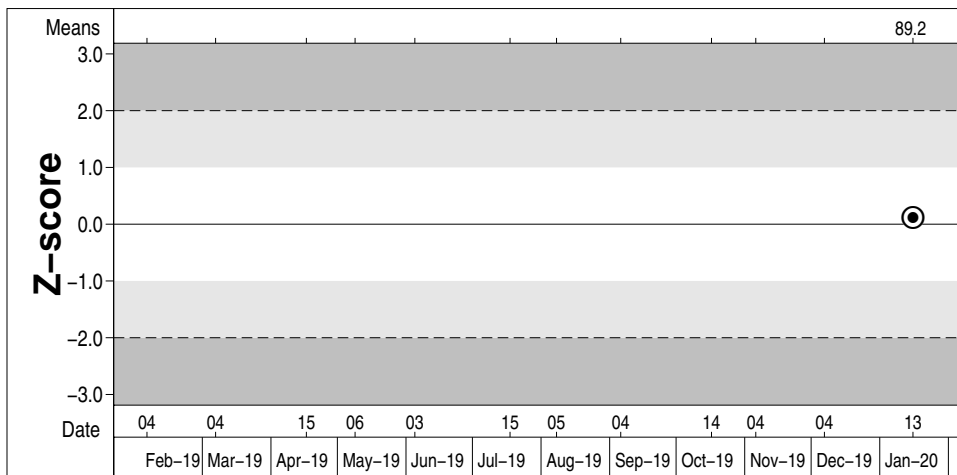
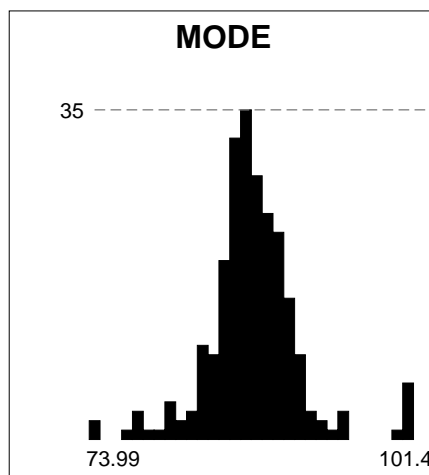
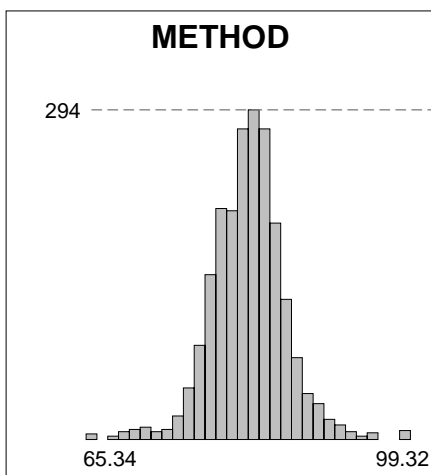
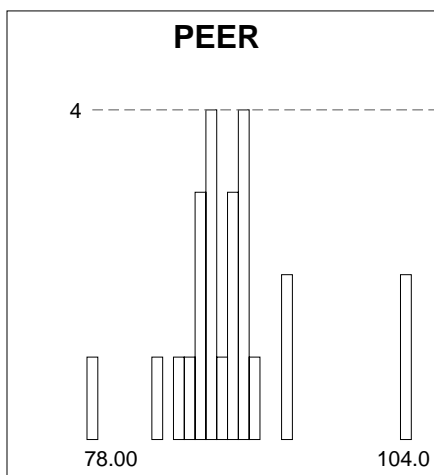
**Your Result**  
**89.5 fL (cubic µm)**

- ◆ Your Mode
- Your Method
- Your Peer

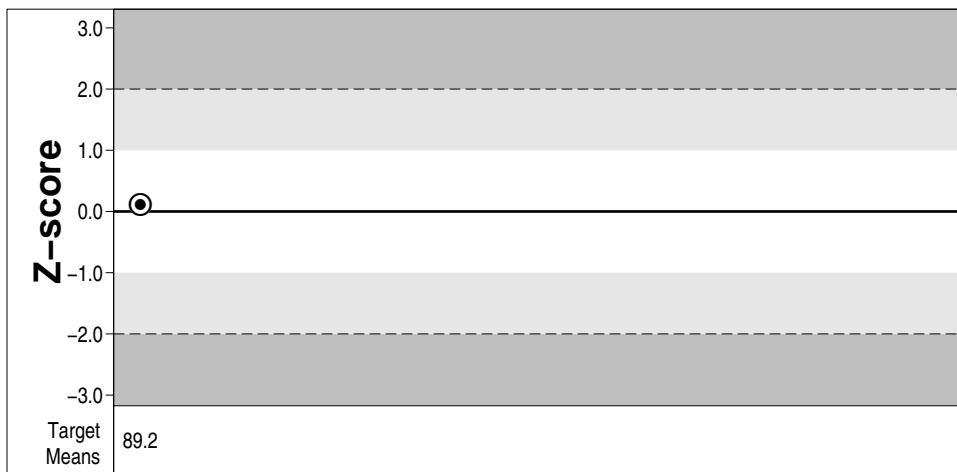
**Comparative Statistics**

**Your Deviation**

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	236	87.7	2.74	3.13	0.447	0.65	0.65	2.04
Your Method	2126	82.3	3.40	4.13	0.184	2.11	2.11	8.71
Your Peer	24	89.2	2.96	3.32	1.51	0.10	0.10	0.319



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Electrical impedance Dedicated Reagent	318	81.3	1.87	0.213
Sysmex XN-L Series Electrical impedance Dedicated Reagent	162	82.4	1.43	0.231
Siemens ADVIA 120/2120/2120i Light scattering Dedicated Reagent	156	70.8	2.11	0.299
Sysmex KX-21 Electrical impedance Dedicated Reagent	118	78.6	1.79	0.324
Sysmex XS Series Electrical impedance Dedicated Reagent	116	85.0	2.14	0.421
Beckman Coulter UniCel DxH Series Electrical impedance Dedicated Reagent	116	84.1	0.886	0.173
Abbott CELL-DYN Ruby Light scattering Dedicated Reagent	99	70.8	2.42	0.431
Sysmex XP-100 Electrical impedance Dedicated Reagent	91	78.4	2.19	0.450
Mindray BC-20/20s/30/30s (BeneSpher... Electrical impedance Dedicated Reagent	88	84.4	1.61	0.362



**MCV 14 : 10**  
 CYCLE SAMPLE





Lab 205125

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INDIA

MPV Report  
Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300

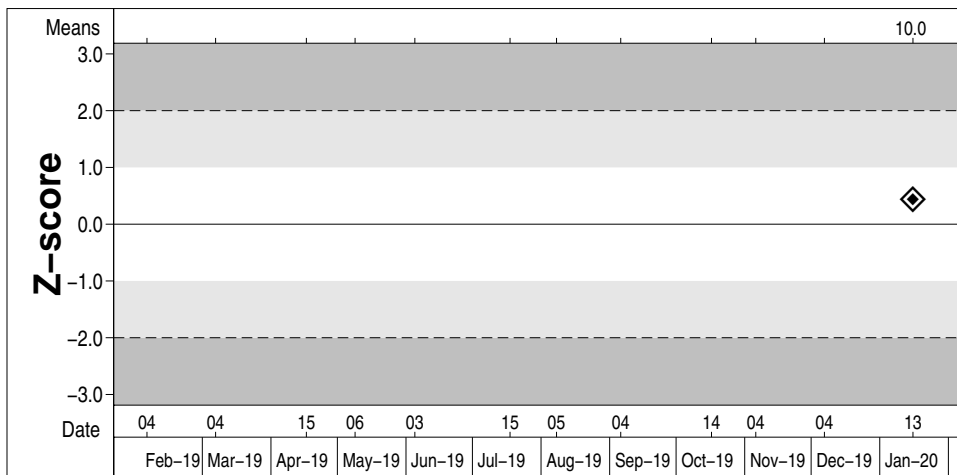
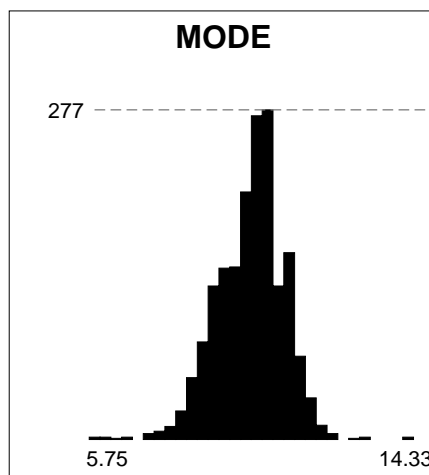
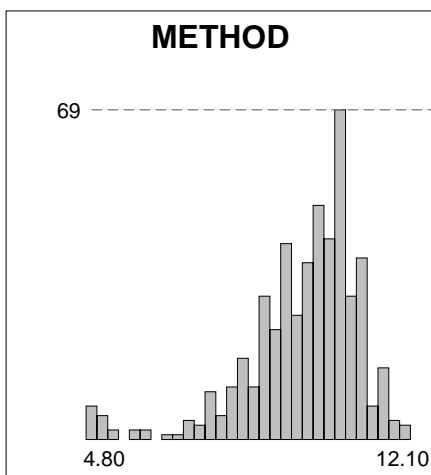
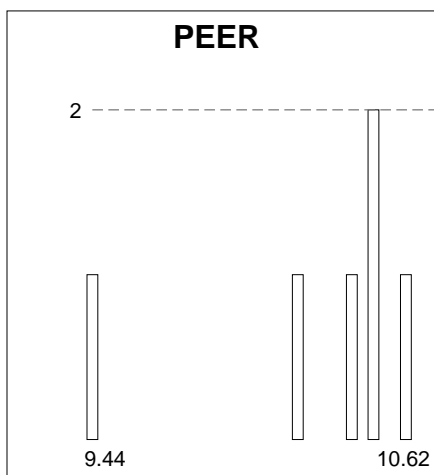


Mindray BC-5150

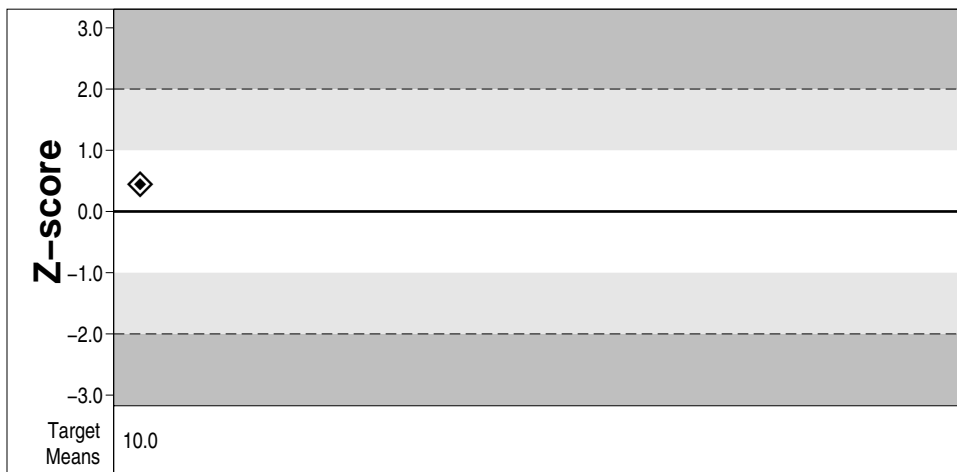
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
<b>Your Result</b> <b>10.4 fL (cubic µm)</b>								
◆ Your Mode	1776	10.0	0.859	8.55	0.051	0.42	0.42	3.59
■ Your Method	495	9.82	1.00	10.2	0.113	0.57	0.57	5.87
● Your Peer	6	10.4	0.192	1.85	0.196	-0.03	-0.03	-0.049



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Electrical impedance Dedicated Reagent	243	10.7	4.11	0.070
Siemens ADVIA 120/2120/2120i Light scattering Dedicated Reagent	120	10.2	6.31	0.147
Sysmex XN-L Series Electrical impedance Dedicated Reagent	106	10.8	4.58	0.120
Beckman Coulter UniCel DxH Series Electrical impedance Dedicated Reagent	82	8.79	2.05	0.050
Sysmex KX-21 Electrical impedance Dedicated Reagent	76	9.51	4.43	0.121
Sysmex XS Series Electrical impedance Dedicated Reagent	71	10.4	4.56	0.141
Abbott CELL-DYN Ruby Light scattering Dedicated Reagent	71	5.00	9.54	0.142
Sysmex XT Series Electrical impedance Dedicated Reagent	65	10.1	4.58	0.144
Sysmex XP-100 Electrical impedance Dedicated Reagent	59	9.73	5.70	0.180



MPV  
CYCLE 14 :  
SAMPLE 10



Lab 205125

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INDIA

### Platelets Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

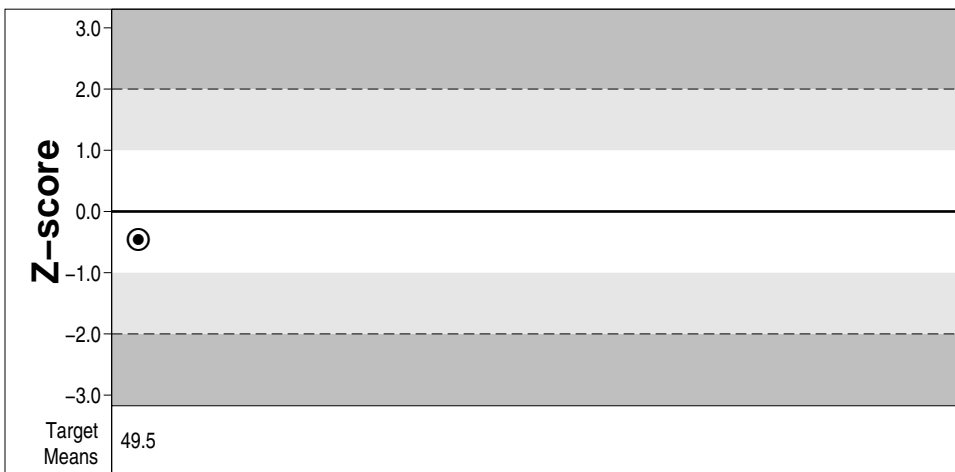
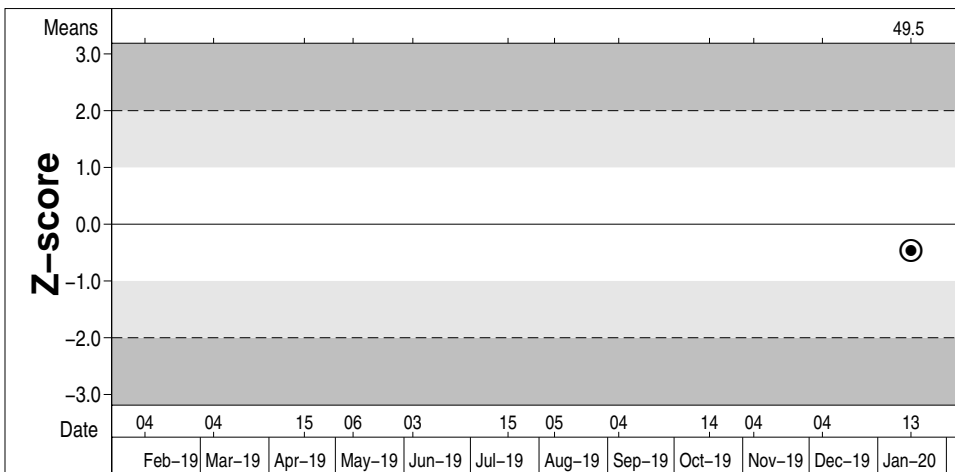
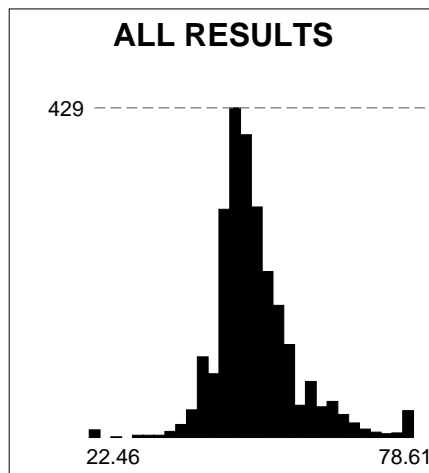
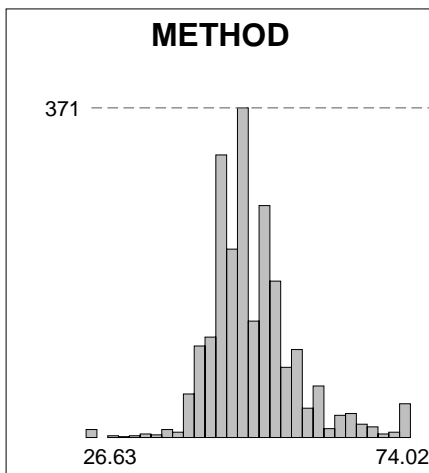
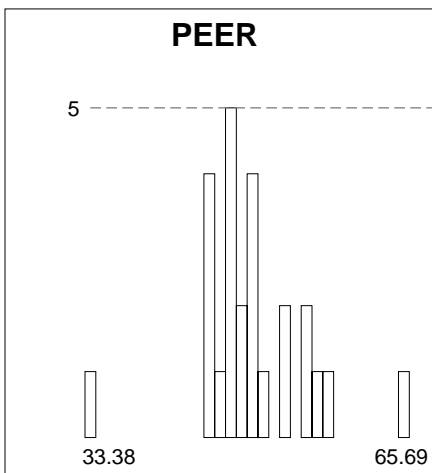
**Your Result**  
**48 G/L (1E+9/L)**

- All Results
- Your Method
- Your Peer

#### Comparative Statistics

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
All Results	2513	50.5	5.62	11.1	0.280	-0.45	-0.45	-5.02
Your Method	2176	50.3	4.74	9.42	0.254	-0.49	-0.49	-4.63
Your Peer	25	49.5	3.23	6.52	1.62	-0.47	-0.47	-3.10

#### Your Deviation



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Electrical impedance Dedicated Reagent	331	47.3	6.10	0.397
Sysmex XN-L Series Electrical impedance Dedicated Reagent	161	49.1	6.47	0.626
Siemens ADVIA 120/2120/2120i Light scattering Dedicated Reagent	157	45.1	8.28	0.746
Beckman Coulter UniCel DxH Series Electrical impedance Dedicated Reagent	124	51.1	5.76	0.661
Sysmex KX-21 Electrical impedance Dedicated Reagent	120	48.4	9.28	1.02
Sysmex XS Series Electrical impedance Dedicated Reagent	117	48.5	6.00	0.672
Abbott CELL-DYN Ruby Light scattering Dedicated Reagent	98	61.1	9.97	1.54
Sysmex XP-100 Electrical impedance Dedicated Reagent	93	49.3	8.26	1.05
Mindray BC-20/20s/30/30s (BeneSpher... Electrical impedance Dedicated Reagent	89	49.0	6.67	0.866

**Platelets 14 : 10**  
CYCLE SAMPLE



Lab 205125

SRI BALAJI CLINICAL LABORATORY  
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### RDW Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

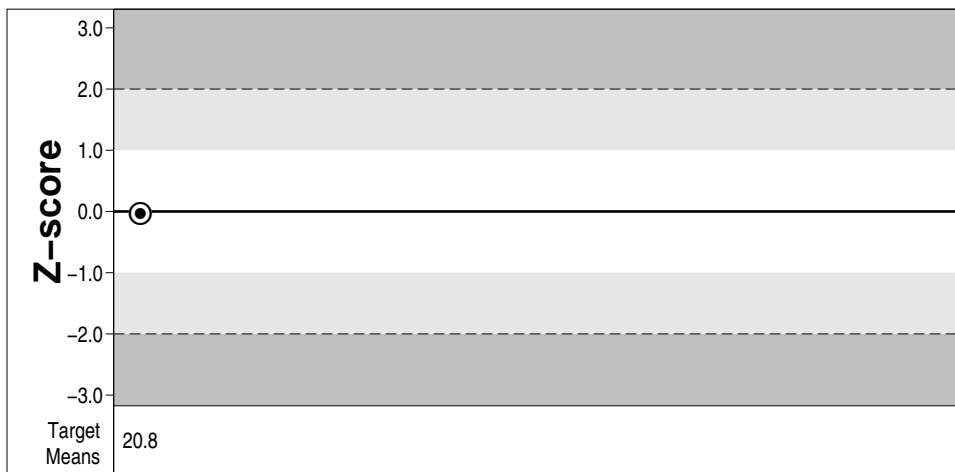
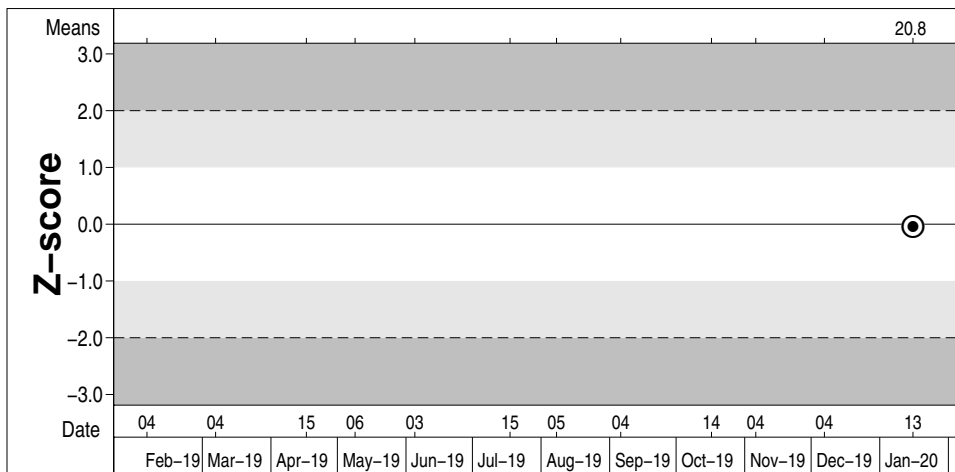
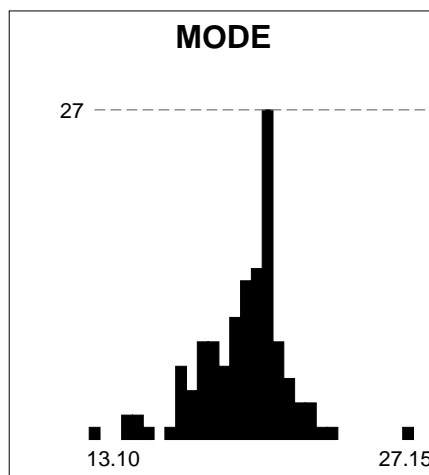
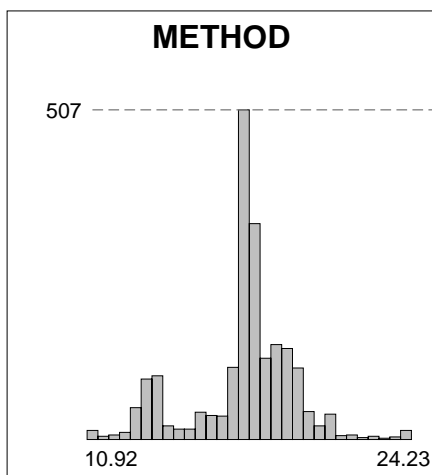
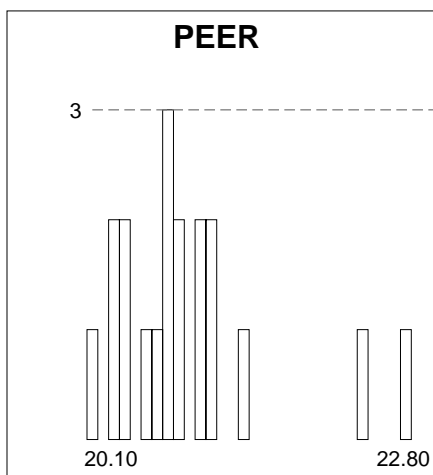
Your Result  
**20.8 %**

- ◆ Your Mode
- Your Method
- Your Peer

#### Comparative Statistics

#### Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	125	19.9	1.44	7.22	0.322	0.59	0.59	4.27
Your Method	2060	17.6	1.33	7.57	0.073	2.42	2.42	18.3
Your Peer	19	20.8	0.448	2.15	0.257	-0.05	-0.05	-0.102



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Calculated Dedicated Reagent	304	17.4	0.912	0.023
Siemens ADVIA 120/2120/2120i Calculated Dedicated Reagent	149	18.9	2.56	0.099
Sysmex XN-L Series Calculated Dedicated Reagent	144	17.3	1.02	0.037
Sysmex XS Series Calculated Dedicated Reagent	115	17.7	1.75	0.072
Abbott CELL-DYN Ruby Calculated Dedicated Reagent	111	13.3	4.45	0.140
Beckman Coulter UniCel DxH Series Calculated Dedicated Reagent	108	19.4	1.06	0.050
Sysmex XT Series Calculated Dedicated Reagent	74	17.6	1.31	0.067
Sysmex KX-21 Calculated Dedicated Reagent	67	13.6	2.42	0.100
Horiba ABX Pentra 80/XL80/XLR Series Calculated Dedicated Reagent	64	18.0	6.68	0.377

**RDW**  
CYCLE  
**14**  
SAMPLE  
**10**



Lab 205125

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INDIA

**RDW-SD Report  
Hematology Program**

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

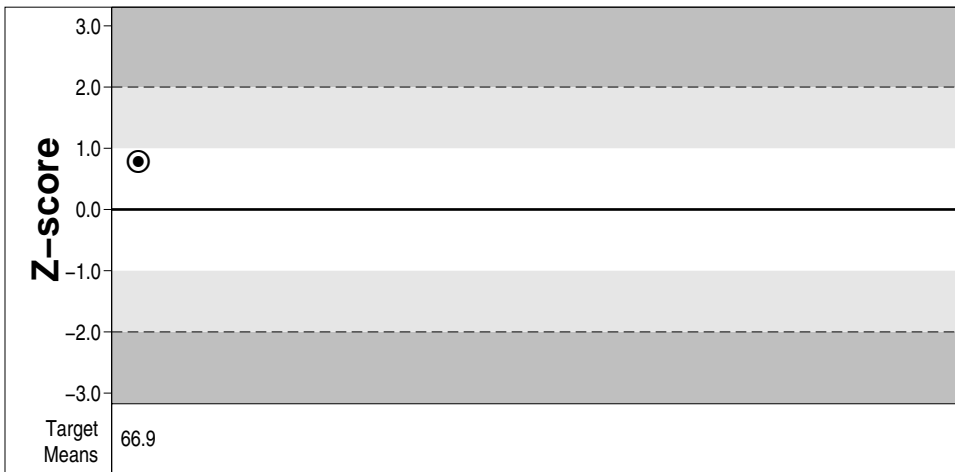
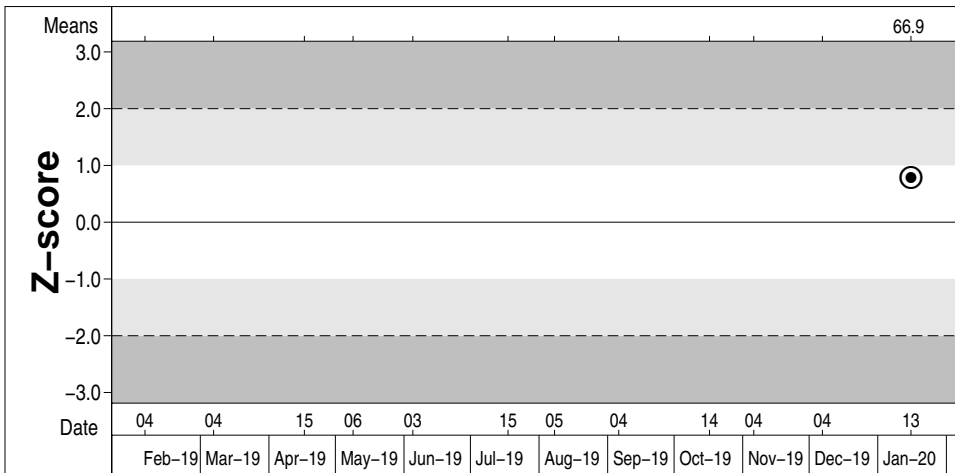
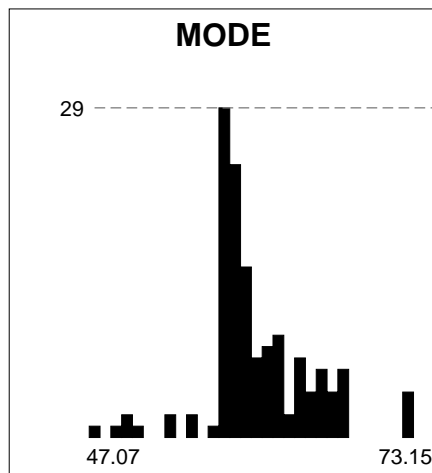
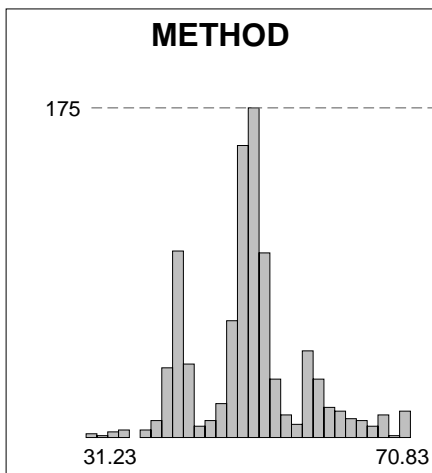
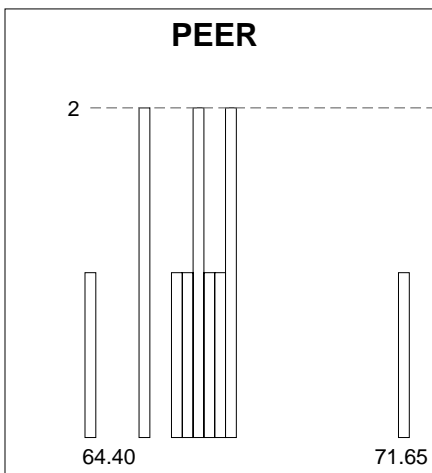
**Your Result**  
**67.6 fL (cubic µm)**

- ◆ Your Mode
- Your Method
- ◎ Your Peer

**Comparative Statistics**

**Your Deviation**

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
Your Mode	135	60.1	2.61	4.34	0.561	2.87	2.87	12.5
Your Method	930	51.0	3.96	7.76	0.325	4.18	4.18	32.5
Your Peer	12	66.9	0.958	1.43	0.692	0.77	0.77	1.11



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Calculated Dedicated Reagent	179	51.0	2.14	0.204
Sysmex XN-L Series Calculated Dedicated Reagent	97	51.8	1.52	0.200
Sysmex XS Series Calculated Dedicated Reagent	70	51.2	2.91	0.445
Sysmex KX-21 Calculated Dedicated Reagent	66	42.7	2.06	0.270
Sysmex XP-100 Calculated Dedicated Reagent	63	42.1	2.54	0.336
Mindray BC 3000/3200/3600 Calculated Dedicated Reagent	46	42.3	3.26	0.509
Beckman Coulter UniCel DxH Series Calculated Dedicated Reagent	43	58.5	1.27	0.284
Mindray BC-5300/5380/5180 Calculated Dedicated Reagent	34	62.8	3.65	0.984
Sysmex XT Series Calculated Dedicated Reagent	34	50.9	1.78	0.389

**RDW-SD 14 : 10**  
CYCLE SAMPLE



Lab 205125

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INDIA

### Red Blood Cells Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



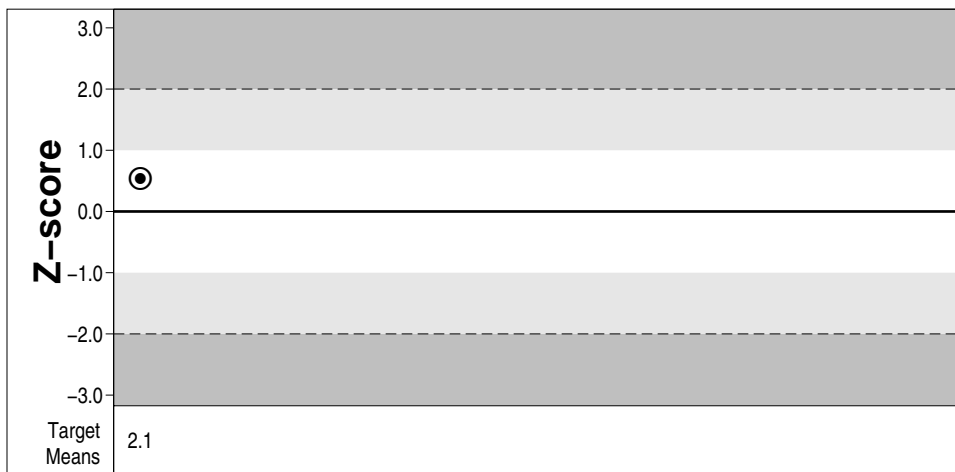
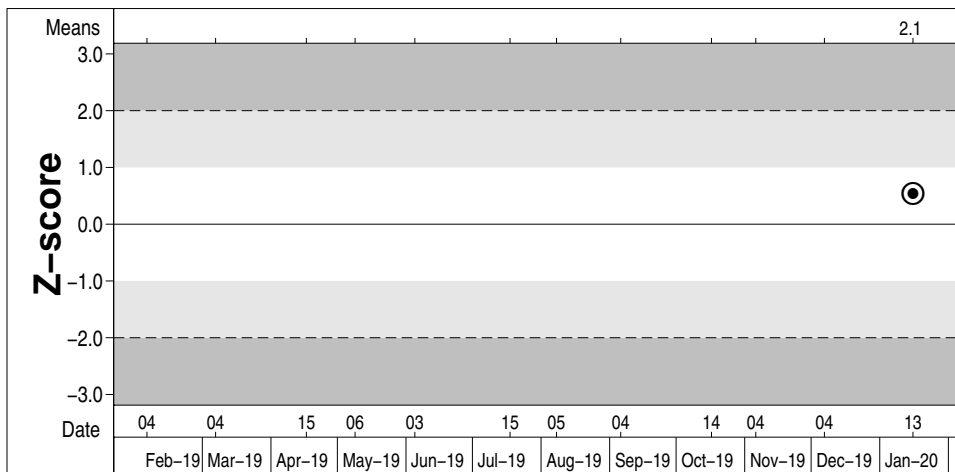
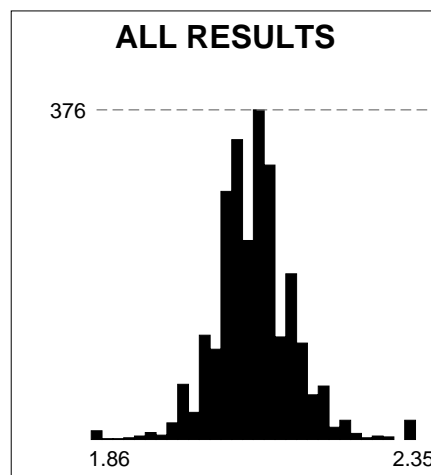
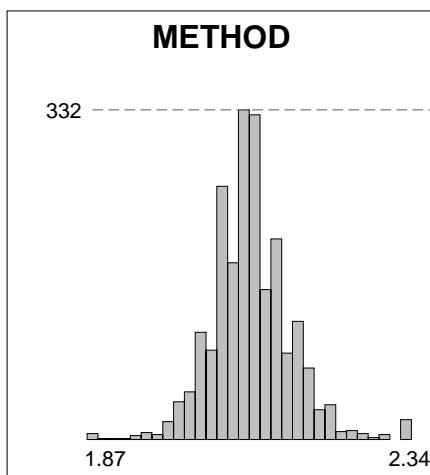
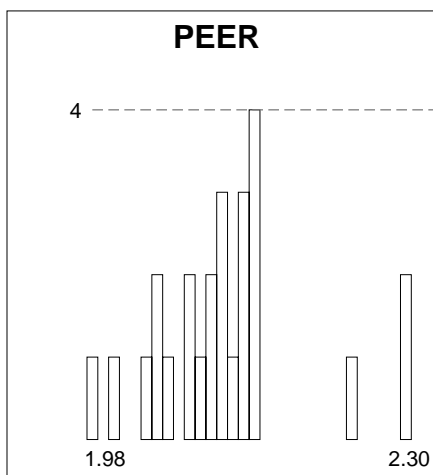
Mindray BC-5150

Your Result  
**2.14 M/ $\mu$ L**

#### Comparative Statistics

#### Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
◆ All Results	2509	2.11	0.049	2.31	0.002	0.64	0.64	1.48
■ Your Method	2165	2.10	0.048	2.28	0.003	0.74	0.74	1.68
⊙ Your Peer	25	2.11	0.059	2.78	0.029	0.53	0.53	1.46



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Electrical impedance Dedicated Reagent	328	2.09	1.43	0.004
Sysmex XN-L Series Electrical impedance Dedicated Reagent	160	2.08	1.43	0.006
Siemens ADVIA 120/2120/2120i Light scattering Dedicated Reagent	157	2.13	2.17	0.009
Sysmex KX-21 Electrical impedance Dedicated Reagent	120	2.13	1.67	0.008
Beckman Coulter UniCel DxH Series Electrical impedance Dedicated Reagent	120	2.07	1.55	0.007
Sysmex XS Series Electrical impedance Dedicated Reagent	113	2.08	1.59	0.008
Abbott CELL-DYN Ruby Light scattering Dedicated Reagent	96	2.12	2.68	0.015
Sysmex XP-100 Electrical impedance Dedicated Reagent	93	2.12	1.37	0.008
Mindray BC-20/20s/30/30s (BeneSpher... Electrical impedance Dedicated Reagent	89	2.09	2.51	0.014

**Red Blood Cells 14 : 10**  
CYCLE SAMPLE



Lab 205125

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INDIA

### WBC Report Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Mindray BC-5150

Your Result

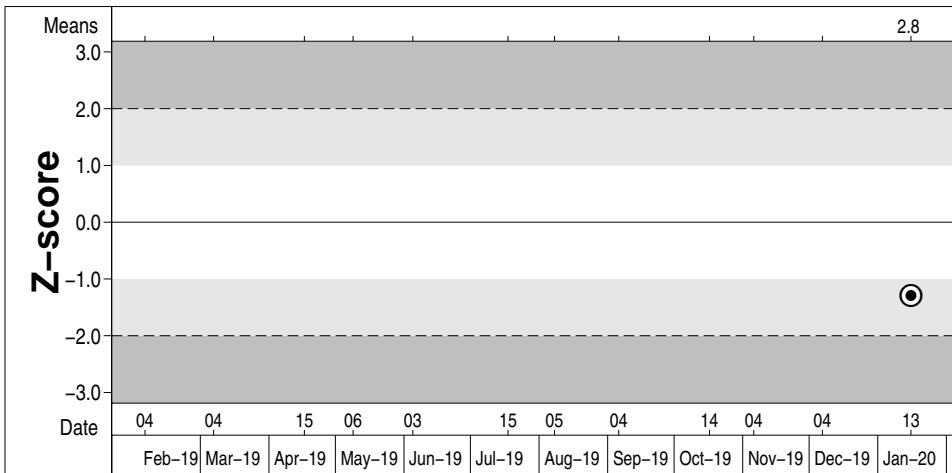
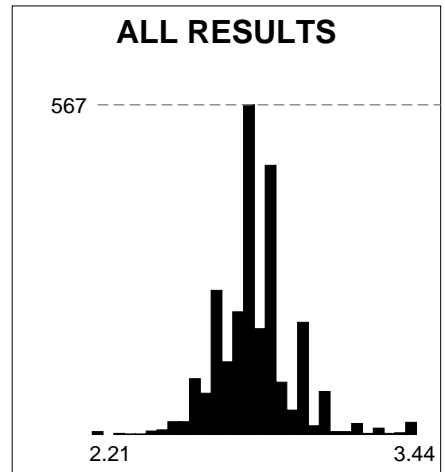
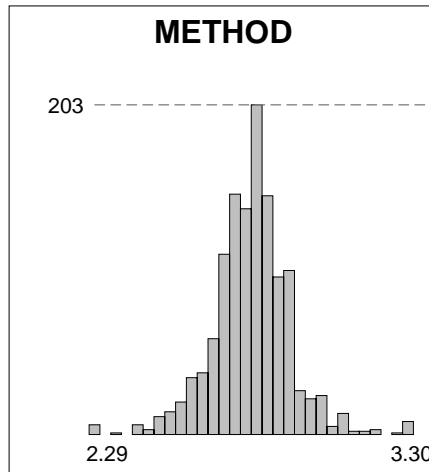
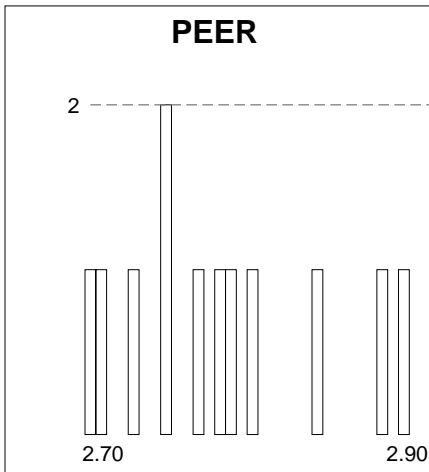
**2.7 G/L (1E+9/L)**

- ◆ All Results
- ▣ Your Method
- ◎ Your Peer

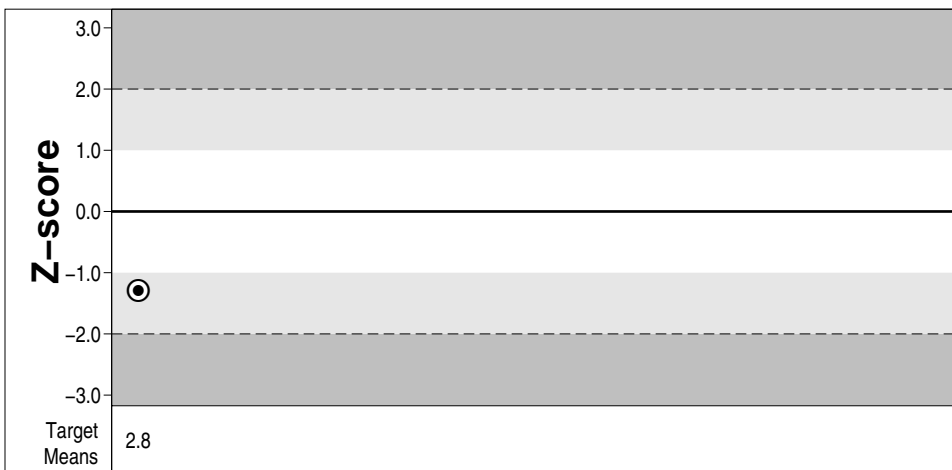
#### Comparative Statistics

#### Your Deviation

	N	Mean	SD	CV	U <sup>1</sup>	Z-score	RMZ	%
◆ All Results	2512	2.82	0.124	4.38	0.006	-1.01	-1.01	-4.42
▣ Your Method	1246	2.80	0.102	3.65	0.007	-0.93	-0.93	-3.40
◎ Your Peer	12	2.78	0.060	2.14	0.043	-1.30	-1.30	-2.78



	N	Mean	CV	U <sup>1</sup>
Sysmex XN 1000/2000/3000/9000 Light scattering Dedicated Reagent	376	2.80	2.60	0.009
Siemens ADVIA 120/2120/2120i Light scattering Dedicated Reagent	172	2.65	4.36	0.022
Sysmex XN-L Series Light scattering Dedicated Reagent	160	2.79	2.73	0.015
Sysmex XS Series Light scattering Dedicated Reagent	158	2.82	3.01	0.017
Sysmex KX-21 Electrical impedance Dedicated Reagent	118	2.75	3.09	0.020
Beckman Coulter UniCel DxH Series Electrical impedance Dedicated Reagent	111	2.86	2.39	0.016
Abbott CELL-DYN Ruby Light scattering Dedicated Reagent	97	2.87	3.24	0.024
Sysmex XP-100 Electrical impedance Dedicated Reagent	96	2.79	5.17	0.037
Sysmex XT Series Light scattering Dedicated Reagent	88	2.79	3.48	0.026



**WBC 14 : 10**  
CYCLE SAMPLE



Lab 205125

SRI BALAJI CLINICAL LABORATORY  
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TRICHY KERALA 614001  
INDIA

Data on File Report  
Hematology Program

Cycle 14

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300



Analyte Unit	Sample Numbers											
	1	2	3	4	5	6	7	8	9	10	11	12

1

Instrument: Mindray BC-5150

HCT	%	-	-	-	-	-	-	-	-	-	-	19.2
HGB	g/dL	-	-	-	-	-	-	-	-	-	-	5.8
MCH	fmol/cell	-	-	-	-	-	-	-	-	-	-	26.9
MCHC	g/dL	-	-	-	-	-	-	-	-	-	-	30.1
MCV	fL (cubic $\mu$ m)	-	-	-	-	-	-	-	-	-	-	89.5
MPV	fL (cubic $\mu$ m)	-	-	-	-	-	-	-	-	-	-	10.4
PLT	G/L (1E+9/L)	-	-	-	-	-	-	-	-	-	-	48*
RDW	%	-	-	-	-	-	-	-	-	-	-	20.8
RDW-SD	fL (cubic $\mu$ m)	-	-	-	-	-	-	-	-	-	-	67.6
RBC	M/ $\mu$ L	-	-	-	-	-	-	-	-	-	-	2.14
WBC	G/L (1E+9/L)	-	-	-	-	-	-	-	-	-	-	2.7*

Legend: No Warnings Late Results  $2.0 \leq |Z\text{-score}| < 3.0$   $|Z\text{-score}| \geq 3.0$  - No Result

\* Amended Result (per participant's request)

**Lab 205125**

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**Sample Comments  
Hematology Program****Cycle 14**

Apr 2019 – Mar 2020  
Sample No: 10  
Sample Date: 13 Jan 20  
Lot No: 261300

**Sample Comments**

Reporting WBC Counts, Sysmex Instrument Model

To report EQAS proficiency survey data for the WBC count, on the following Sysmex models, please run in CBC/PATIENT mode.

The Sysmex measuring method is flow cytometry using laser.

The equivalent EQAS reporting method is Light Scattering.

Sysmex Model–XN

Analysis Mode–CBC / Patient

Report: TNC–N from WNR channel

Sysmex Model–XN–L

Analysis Mode–CBC / Patient

Report: Total WBC from WDF channel

Sysmex Model–XS

Analysis Mode–CBC / Patient

Report: Total WBC from histogram

Sysmex Model–XT

Analysis Mode–CBC / Patient

Report: Total WBC from WBC/BASO channel

Sysmex Model–XE

Analysis Mode–CBC / Patient

Report: Total WBC from WBC/BASO channel

There is no WBC differential for EQAS reporting.

Reporting WBC Counts, Siemens ADVIA 120/2120

To report EQAS proficiency survey data, which reports the WBC count only, please run in the PATIENT mode, CBC mode.

The recommended method configuration is Light Scattering.

The ADVIA literature mentions Flow Cytometry as the measuring method.

Light Scattering is the Unity/EQAS method that enables comparison of values across different manufacturers models.