

Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Haematology - CBC, Erythrocyte (RBC) Count, mill/cu.mm

Comparative Statistics	N	Mean	SD	CV%	Excluded
All Methods	134	1.27	0.07	5.21	--
Impedance - (Your Method)	125	1.27	0.07	5.37	--
Horiba Yumizen H500 - (Your Analyzer)	14	1.23	0.04	2.93	--

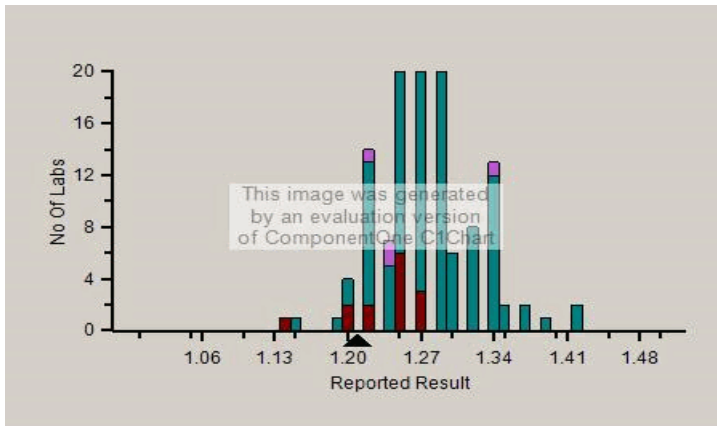
Evaluation Based On - Equipment wise Peer Grouping

Your Result	1.21	SDI / z-Score	-1.00
Assigned Value	1.25	Average SDI	-0.70
SDPA	0.041	Uncertainty of AV	0.01
Standard Unit Result Val	1.21	%DEV	-1.63

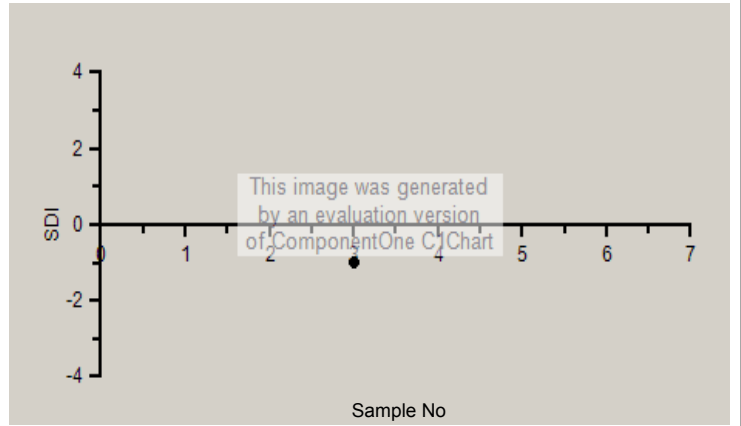
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

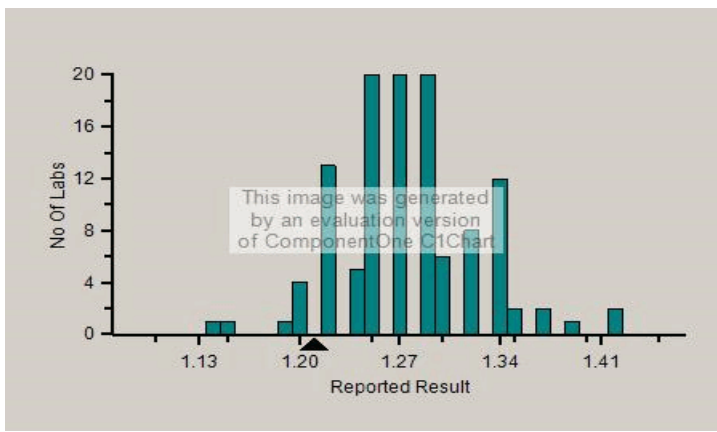
Frequency Histogram



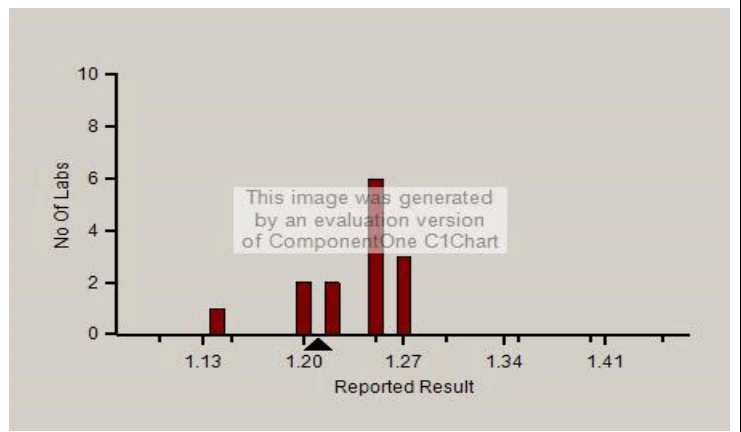
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Lab : 775

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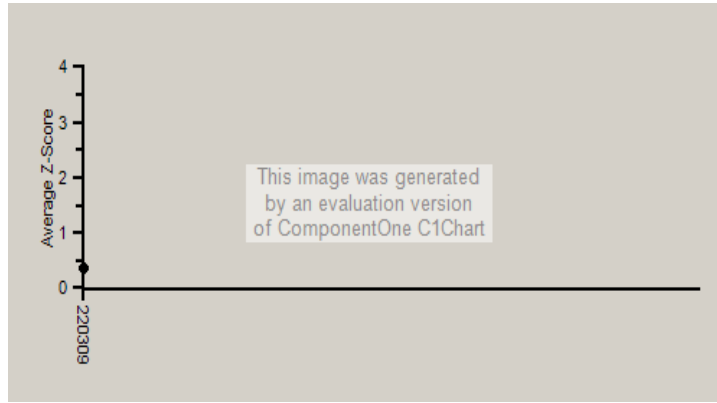
Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

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Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, Erythrocyte (RBC) Count

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	1.27	0.07	5.21	--
Your Analyzer :	Horiba Yumizen H500	14	1.23	0.04	2.93	--
	Beckman Coulter DxH 500	25	1.25	0.04	3.04	--
	Sysmex XP-100	15	1.29	0.04	3.11	--
	Nihon Kohden Celltac Alpha	15	1.33	0.04	2.94	--
	Beckman Coulter DxH 520	14	1.27	0.02	1.89	--
	Beckman Coulter DxH 520	13	1.27	0.02	1.90	--
	Beckman Coulter DxH 800	10	1.25	0.03	2.00	--
	Horiba Yumizen H550	6	1.29	0.03	2.33	--

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
- c) If your SDI is +/- 3.0 SDI or more then it is an action alert flag.

Interpretation when an analyte is reported for multiple samples in a Round:

- a) Reported on 2 samples:
 - Two out of two pass - Acceptable performance
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Haematology - CBC, Haemoglobin, g/dL

Comparative Statistics

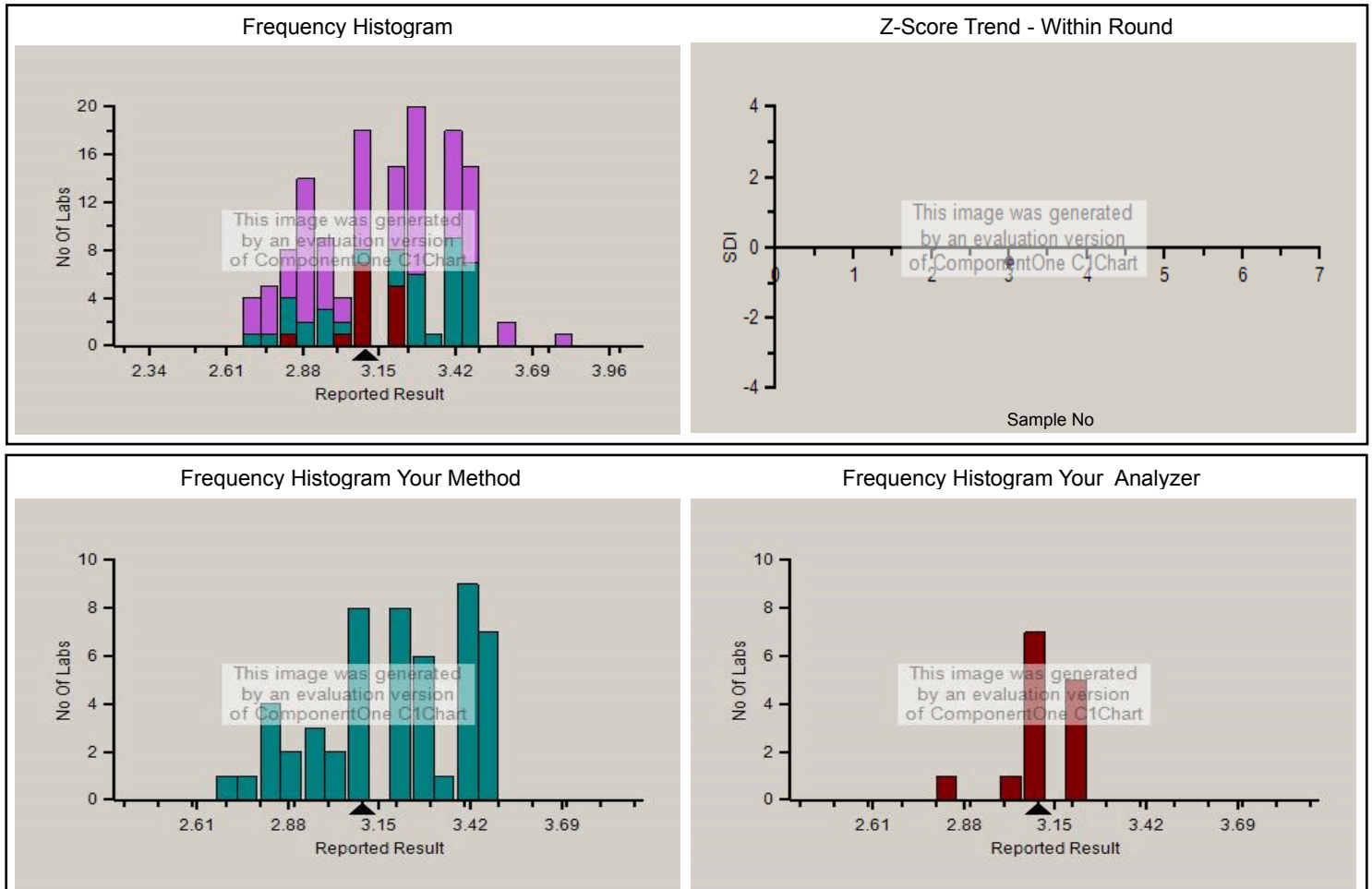
	N	Mean	SD	CV%	Excluded
All Methods	134	3.15	0.28	8.72	--
Impedance - (Your Method)	53	3.17	0.30	9.32	--
Horiba Yumizen H500 - (Your Analyzer)	14	3.11	0.11	3.44	--

Evaluation Based On - Equipment wise Peer Grouping

Your Result	3.10	SDI / z-Score	-0.38
Assigned Value	3.15	Average SDI	-0.19
SDPA	0.140	Uncertainty of AV	0.03
Standard Unit Result Val	3.10	%DEV	-0.23

Note : # - Not evaluated / Bimodal distribution

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Analyte Methodwise Result Report

Lab : 775

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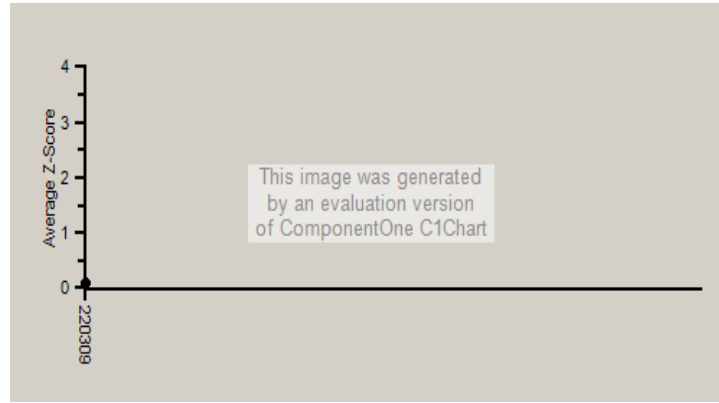
Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

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Sample Date : 30-09-2022

Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, Haemoglobin

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	3.15	0.28	8.72	--
Your Analyzer :	Horiba Yumizen H500	14	3.11	0.11	3.44	--
	Beckman Coulter DxH 500	25	2.85	0.10	3.50	--
	Sysmex XP-100	15	3.34	0.11	3.35	--
	Nihon Kohden Celltac Alpha	15	3.23	0.13	3.99	--
	Beckman Coulter DxH 520	14	2.90	0.12	4.01	--
	Beckman Coulter DxH 520	13	2.89	0.12	4.12	--
	Beckman Coulter DxH 800	10	3.40	0.05	1.38	--
	Horiba Yumizen H550	6	3.15	0.11	3.33	--

Remarks: Interpretation of your reports

- If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Haematology - CBC, Hematocrit, %

Comparative Statistics

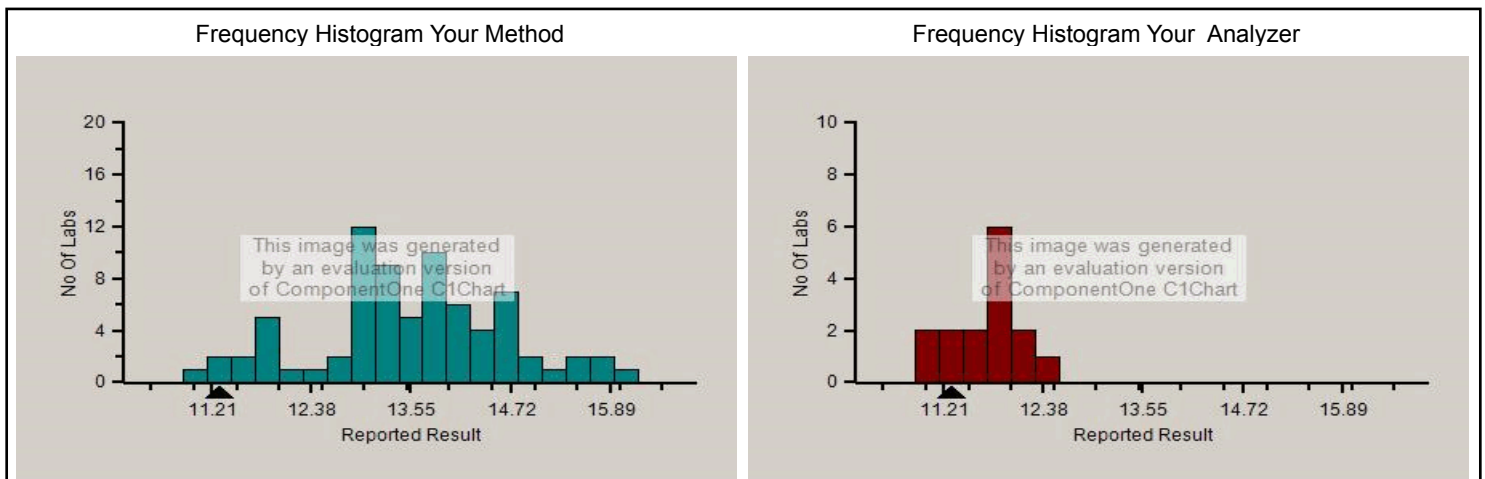
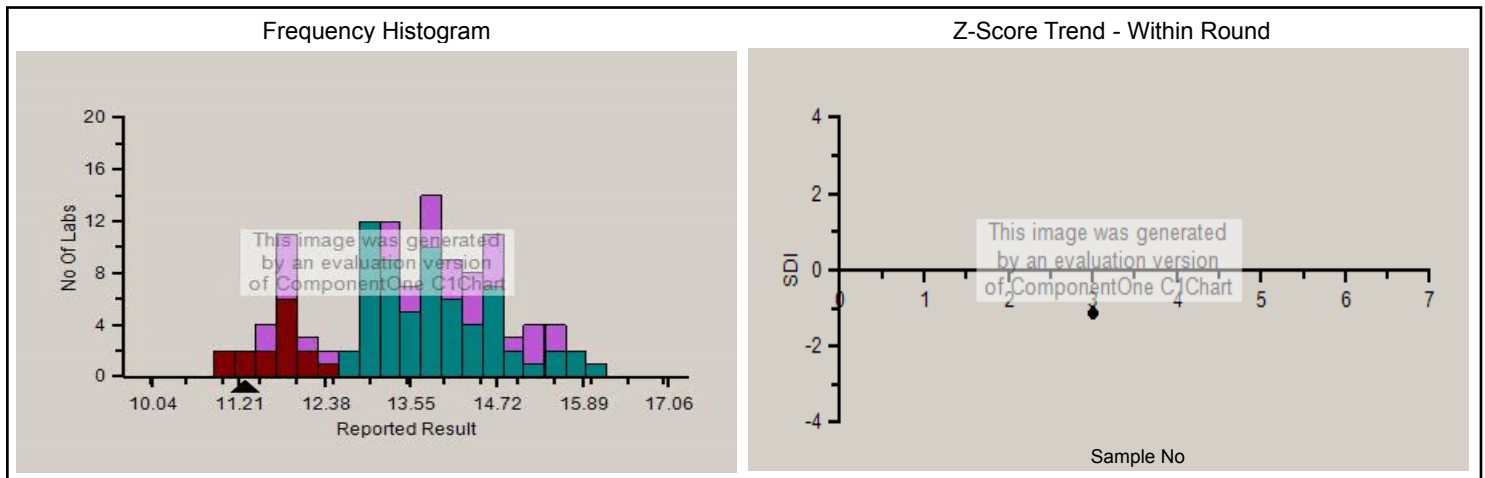
	N	Mean	SD	CV%	Excluded
All Methods	112	13.55	1.18	8.70	--
Calculated - (Your Method)	74	13.55	1.11	8.22	--
Horiba Yumizen H500 - (Your Analyzer)	15	11.69	0.40	3.43	--

Evaluation Based On - Equipment wise Peer Grouping

Your Result	11.30	SDI / z-Score	-1.11
Assigned Value	11.76	Average SDI	-0.28
SDPA	0.413	Uncertainty of AV	0.12
Standard Unit Result Val	11.30	%DEV	-3.36

Note : # - Not evaluated / Bimodal distribution

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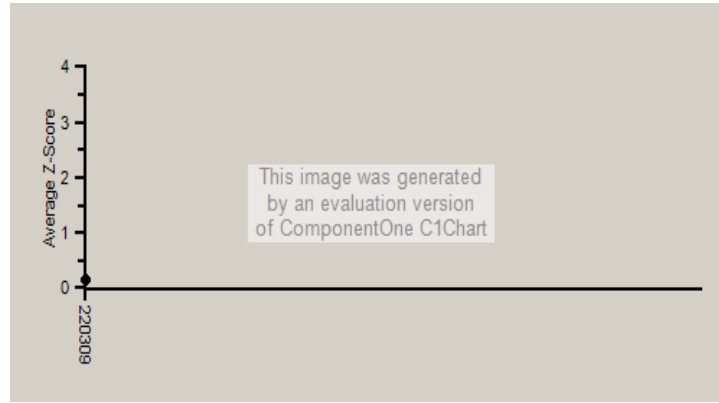
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Report Date : 10/12/2022

Sample Date : 30-09-2022

Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, Hematocrit

		N	Mean	SD	CV%	Excluded
	All Analyzer	112	13.55	1.18	8.70	--
Your Analyzer :	Horiba Yumizen H500	15	11.69	0.40	3.43	--
	Beckman Coulter DxH 500	19	13.30	0.55	4.11	--
	Nihon Kohden Celltac Alpha	15	14.41	0.79	5.45	--
	Beckman Coulter DxH 520	13	13.38	0.38	2.82	--
	Sysmex XP-100	12	14.10	0.52	3.65	--
	Beckman Coulter DxH 520	12	13.34	0.37	2.77	--
	Beckman Coulter DxH 800	6	13.75	0.27	1.94	--
	Horiba Yumizen H550	5	12.02	0.51	4.22	--

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Haematology - CBC, MCH (Mean Corpuscular Hb), pg

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	134	24.91	1.87	7.52	2
Impedance - (Your Method)	36	25.30	1.52	6.01	1
Horiba Yumizen H500 - (Your Analyzer)	15	25.13	0.49	1.95	1

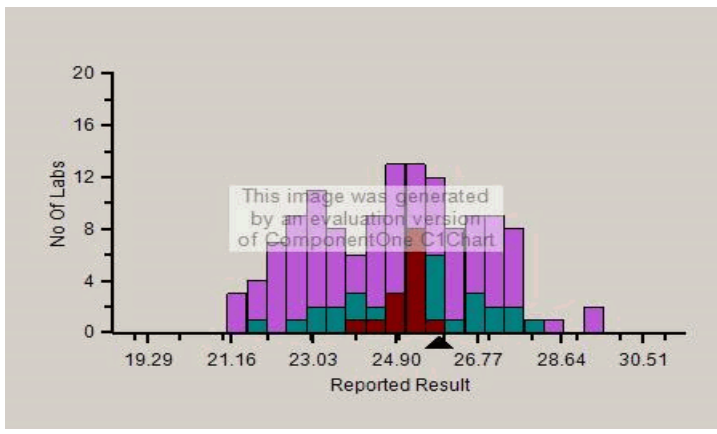
Evaluation Based On - Equipment wise Peer Grouping

Your Result	25.90	SDI / z-Score	1.22
Assigned Value	25.01	Average SDI	0.76
SDPA	0.730	Uncertainty of AV	0.13
Standard Unit Result Val	25.90	%DEV	3.07

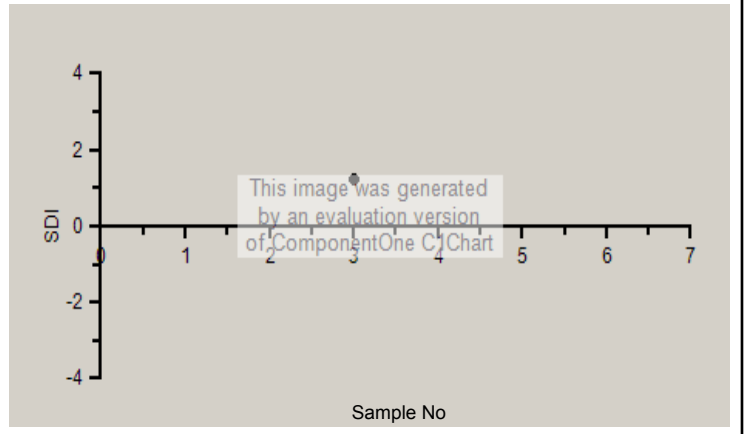
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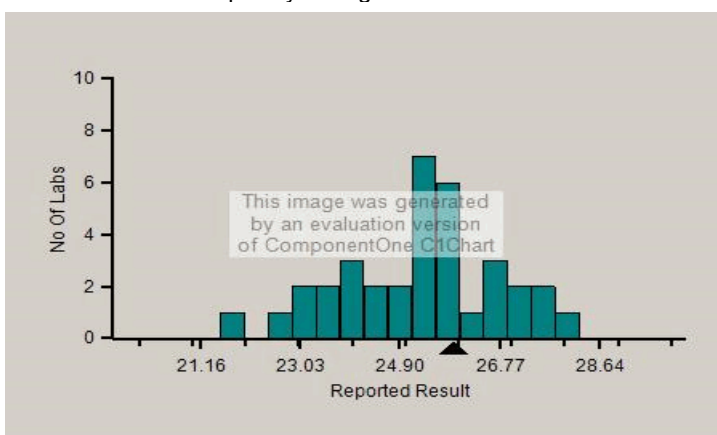
Frequency Histogram



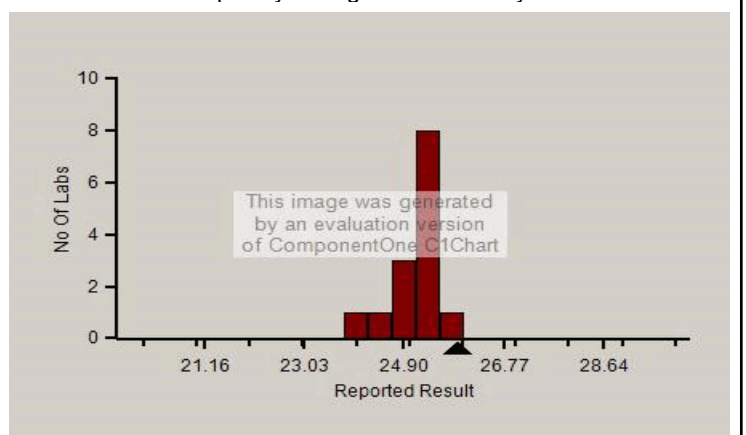
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

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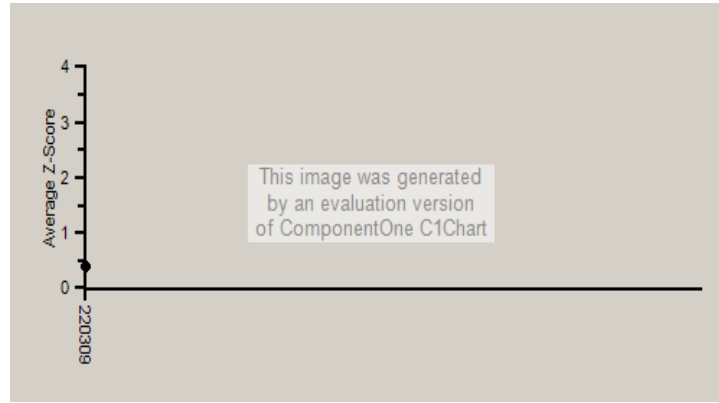
Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

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Sample Date : 30-09-2022

Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, MCH (Mean Corpuscular Hb)

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	24.91	1.87	7.52	2
Your Analyzer :	Horiba Yumizen H500	15	25.13	0.49	1.95	1
	Beckman Coulter DxH 500	25	22.82	1.03	4.52	--
	Sysmex XP-100	15	26.04	0.83	3.20	--
	Nihon Kohden Celltac Alpha	15	24.48	1.24	5.08	--
	Beckman Coulter DxH 520	14	22.84	1.00	4.40	--
	Beckman Coulter DxH 520	13	22.84	1.05	4.58	--
	Beckman Coulter DxH 800	10	27.27	0.40	1.45	--
	ERBA H 560	5	26.12	0.46	1.74	--

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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Sample Date : 30-09-2022

Haematology - CBC, MCHC (Mean Corpuscular Hb Concentration), g/dL

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	134	23.35	2.11	9.02	1
Impedance - (Your Method)	36	24.37	2.20	9.02	--
Horiba Yumizen H500 - (Your Analyzer)	15	26.45	1.35	5.10	--

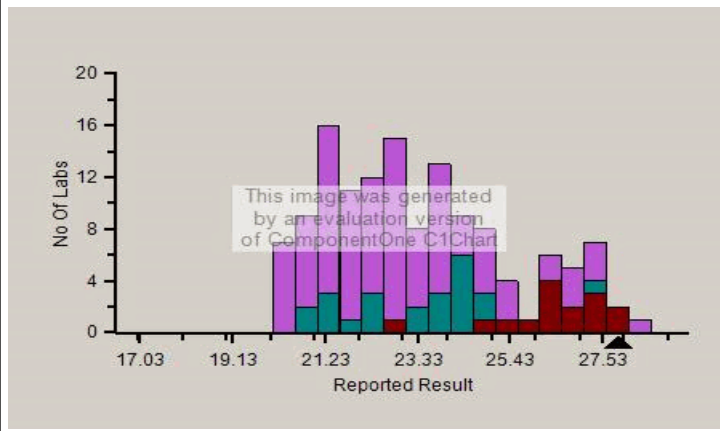
Evaluation Based On - Equipment wise Peer Grouping

Your Result	27.90	SDI / z-Score	0.95
Assigned Value	26.62	Average SDI	0.20
SDPA	1.350	Uncertainty of AV	0.26
Standard Unit Result Val	27.90	%DEV	5.49

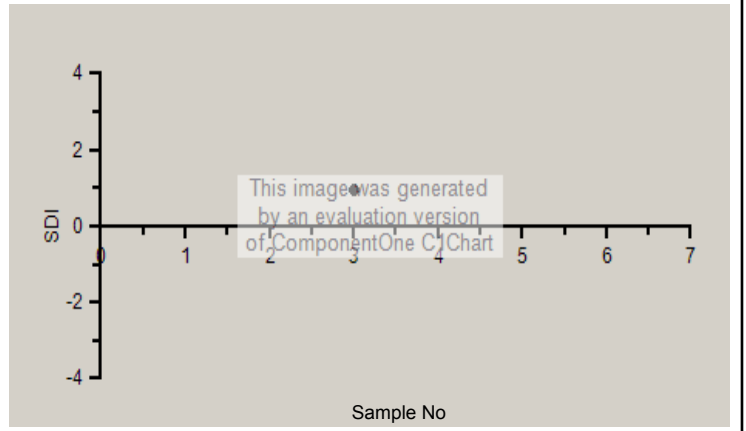
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

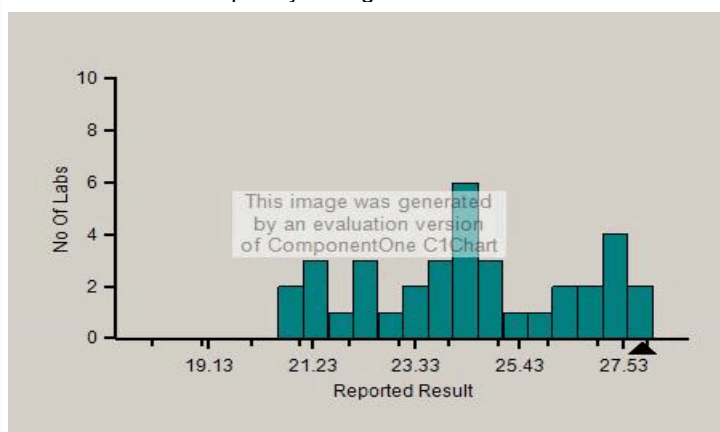
Frequency Histogram



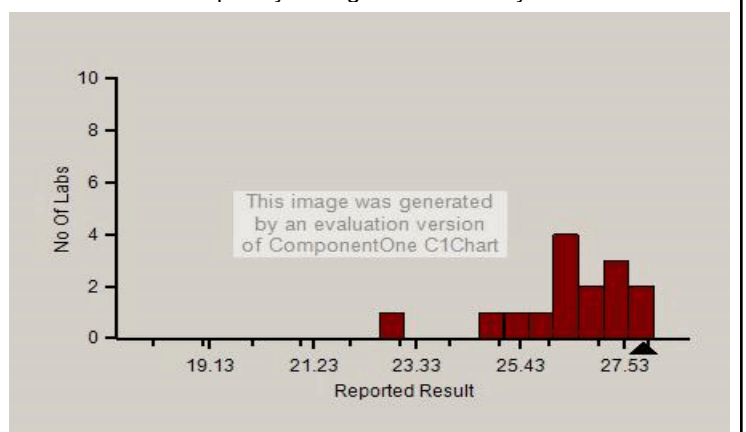
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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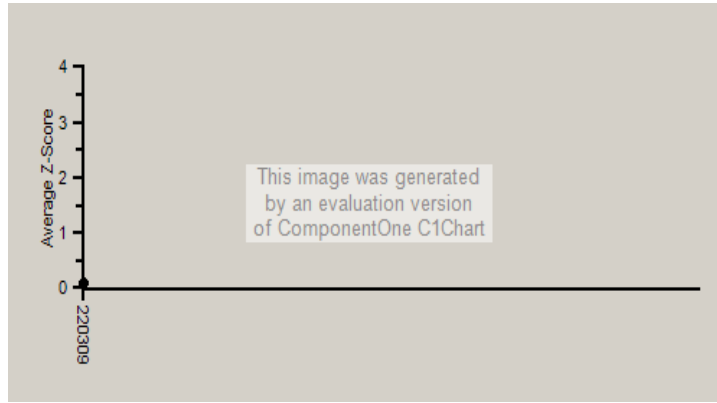
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Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, MCHC (Mean Corpuscular Hb Concentration)

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	23.35	2.11	9.02	1
Your Analyzer :	Horiba Yumizen H500	15	26.45	1.35	5.10	--
	Beckman Coulter DxH 500	25	21.45	0.94	4.38	--
	Sysmex XP-100	15	23.65	0.74	3.11	--
	Nihon Kohden Celltac Alpha	15	22.60	1.73	7.66	--
	Beckman Coulter DxH 520	14	21.71	0.86	3.97	--
	Beckman Coulter DxH 520	13	21.74	0.89	4.10	--
	Beckman Coulter DxH 800	10	24.58	0.41	1.68	--
	ERBA H 560	5	23.14	0.67	2.88	--

Remarks: Interpretation of your reports

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Haematology - CBC, MCV (Mean Corpuscular Volume), fL

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	134	107.05	7.76	7.25	2
Impedance - (Your Method)	73	105.66	7.04	6.66	2
Horiba Yumizen H500 - (Your Analyzer)	14	95.15	4.18	4.39	1

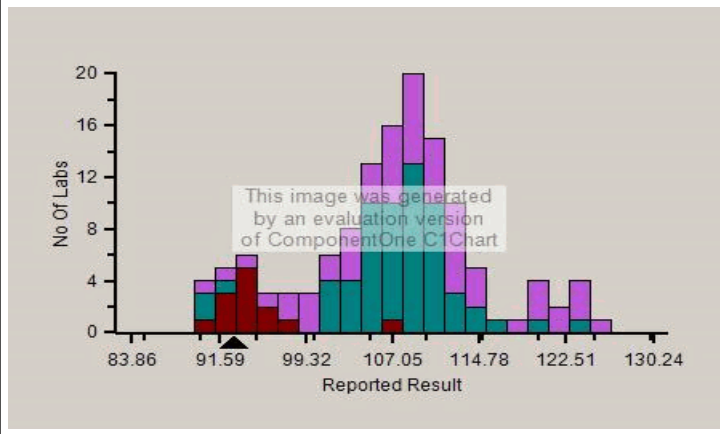
Evaluation Based On - Equipment wise Peer Grouping

Your Result	92.90	SDI / z-Score	-0.25
Assigned Value	94.10	Average SDI	0.16
SDPA	4.700	Uncertainty of AV	0.75
Standard Unit Result Val	92.90	%DEV	-2.37

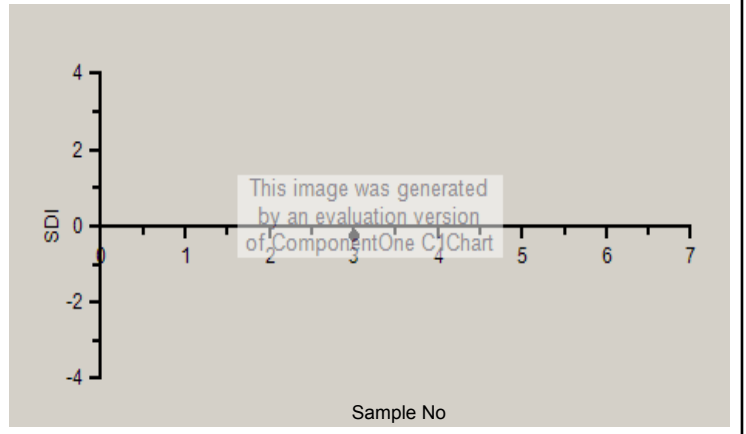
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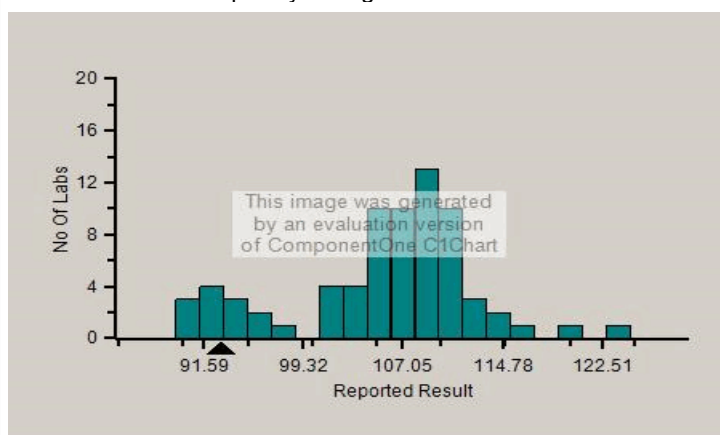
Frequency Histogram



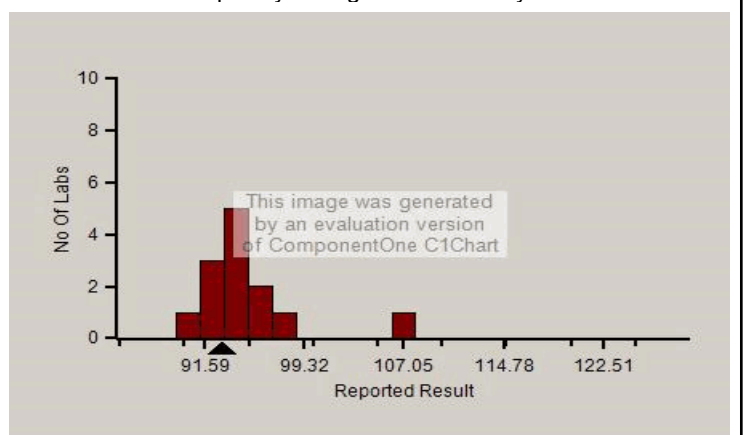
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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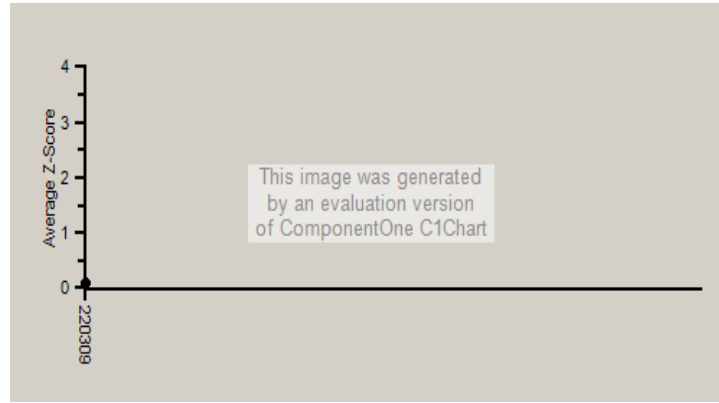
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Absolute Z-Score Average - Across Rounds



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Comments :

Haematology - CBC, MCV (Mean Corpuscular Volume)

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	107.05	7.76	7.25	2
Your Analyzer :	Horiba Yumizen H500	14	95.15	4.18	4.39	1
	Beckman Coulter DxH 500	25	106.48	2.32	2.17	--
	Sysmex XP-100	15	109.89	1.60	1.45	1
	Nihon Kohden Celltac Alpha	15	108.45	4.88	4.50	--
	Beckman Coulter DxH 520	14	105.23	2.14	2.03	--
	Beckman Coulter DxH 520	13	105.11	2.17	2.07	--
	Beckman Coulter DxH 800	10	110.88	1.77	1.59	--
	Horiba Yumizen H550	6	92.73	2.19	2.37	--

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Haematology - CBC, Platelet Count, 1000/ μ L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	134	608.99	574.86	94.40	18
Impedance - (Your Method)	127	36.81	6.51	17.67	17
Horiba Yumizen H500 - (Your Analyzer)	15	43.00	8.52	19.80	2

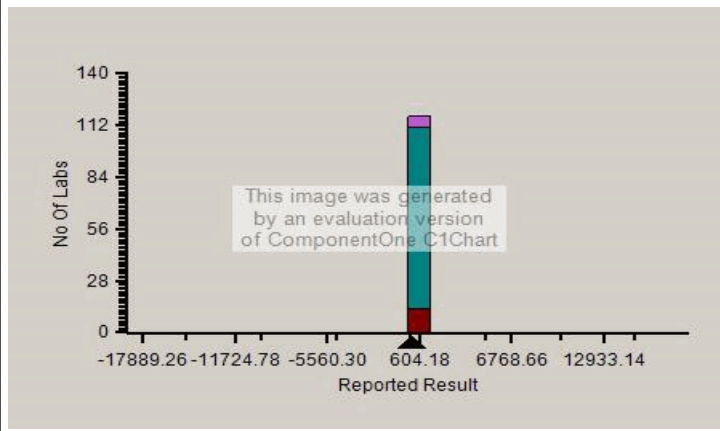
Evaluation Based On - Equipment wise Peer Grouping

Your Result	43.00	SDI / z-Score	0.23
Assigned Value	41.41	Average SDI	0.64
SDPA	6.900	Uncertainty of AV	1.79
Standard Unit Result Val	43.00	%DEV	0.00

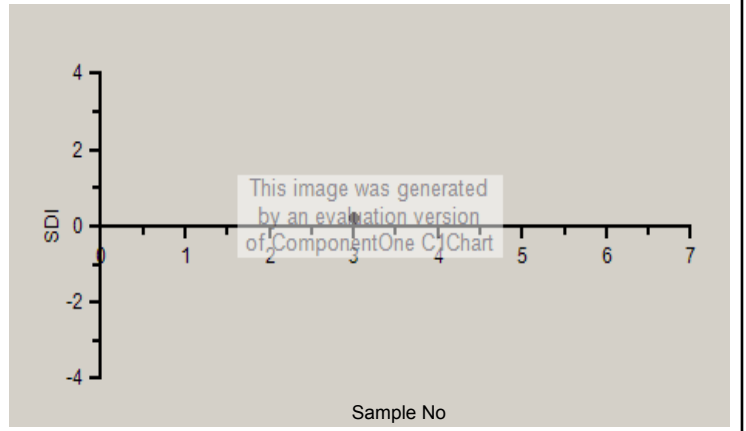
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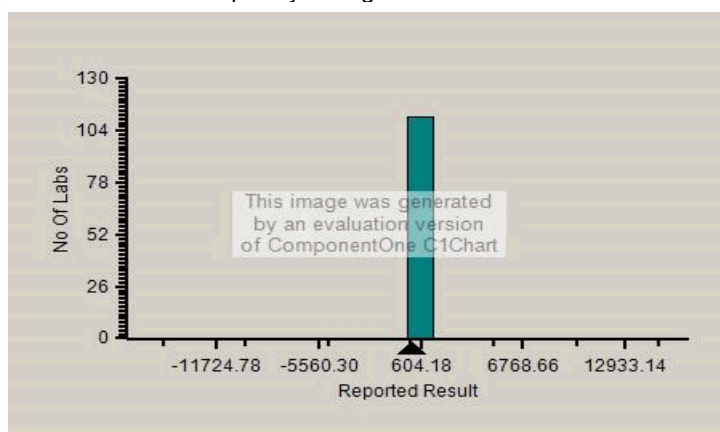
Frequency Histogram



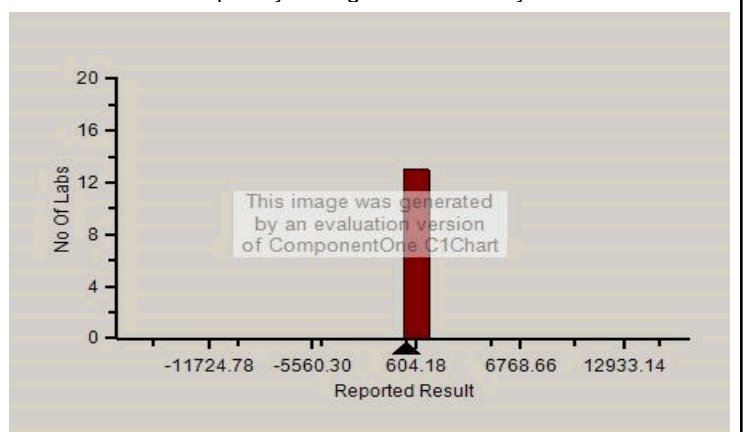
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

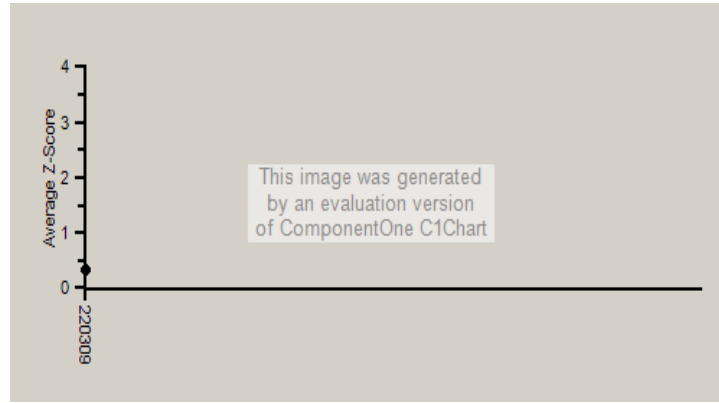
Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, Platelet Count

		N	Mean	SD	CV%	Excluded
	All Analyzer	134	36.65	6.40	17.47	18
Your Analyzer :	Horiba Yumizen H500	15	43.00	8.52	19.80	2
	Beckman Coulter DxH 500	25	36.72	6.12	16.68	4
	Sysmex XP-100	15	33.14	4.52	13.64	1
	Nihon Kohden Celltac Alpha	15	38.51	3.26	8.45	--
	Beckman Coulter DxH 520	14	35.59	6.99	19.65	4
	Beckman Coulter DxH 520	13	34.94	7.09	20.30	4
	Beckman Coulter DxH 800	10	31.90	3.54	11.10	--
	ERBA H 560	5	45.00	2.58	5.74	1

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
- c) If your SDI is +/- 3.0 SDI or more then it is an action alert flag.

Interpretation when an analyte is reported for multiple samples in a Round:

- a) Reported on 2 samples:
 - Two out of two pass - Acceptable performance
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Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Haematology - CBC, RDW CV%, %

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	108	18.99	2.28	11.99	--
Calculated - (Your Method)	108	18.99	2.28	11.99	--
Horiba Yumizen H500 - (Your Analyzer)	13	19.86	1.99	10.00	--

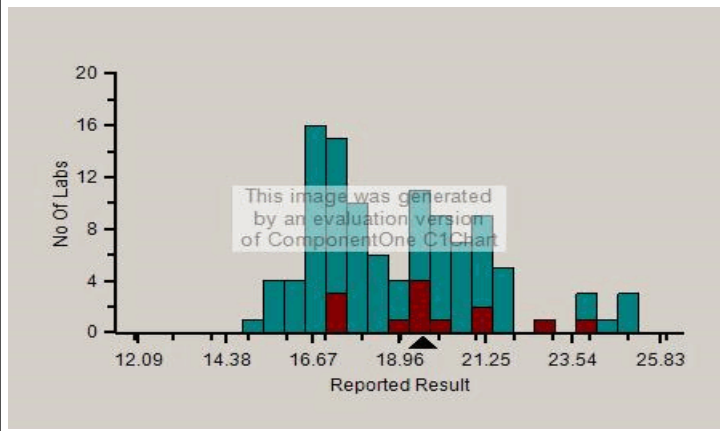
Evaluation Based On - Equipment wise Peer Grouping

Your Result	19.60	SDI / z-Score	-0.43
Assigned Value	20.79	Average SDI	-0.25
SDPA	2.778	Uncertainty of AV	0.82
Standard Unit Result Val	19.60	%DEV	-1.32

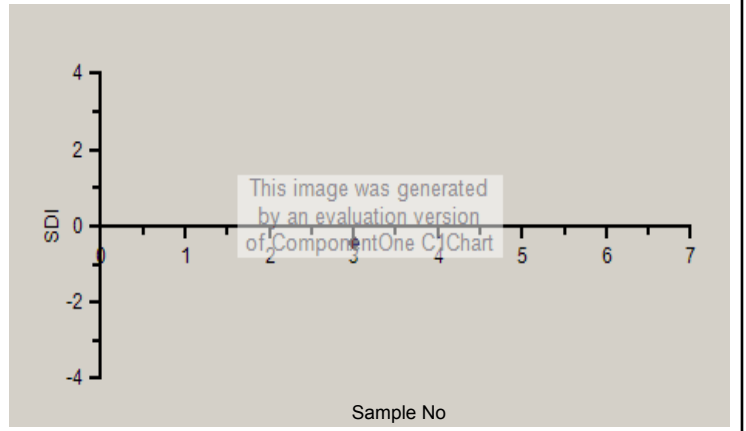
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

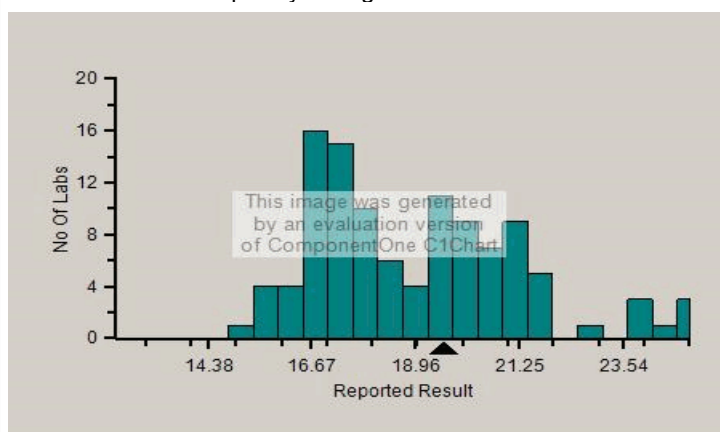
Frequency Histogram



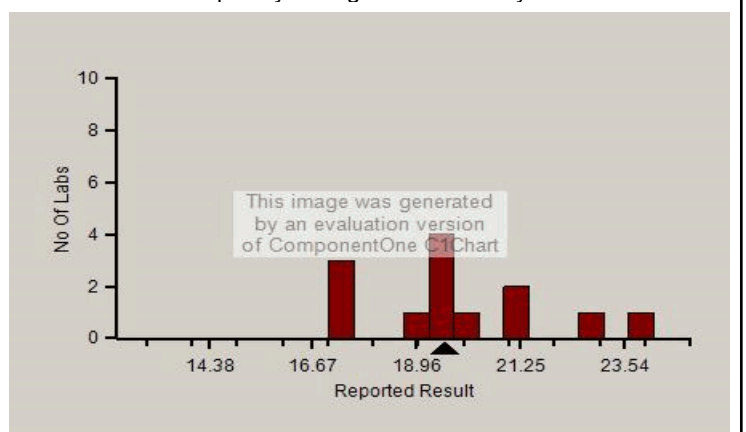
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

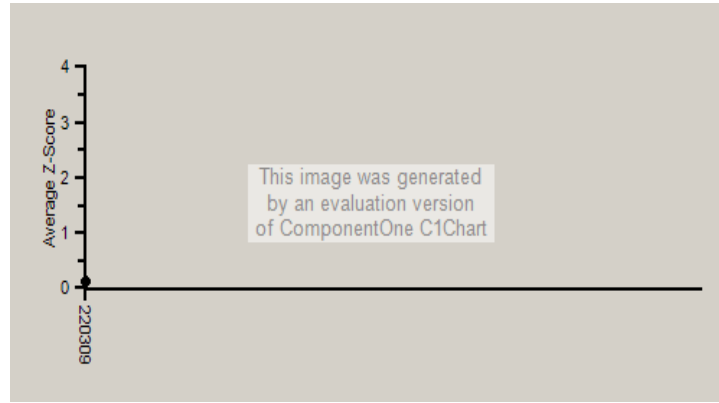
Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Absolute Z-Score Average - Across Rounds



Note : SDI with * marked are not considered for evaluation.

Comments :

Haematology - CBC, RDW CV%		N	Mean	SD	CV%	Excluded
	All Analyzer	108	18.99	2.28	11.99	--
Your Analyzer :	Horiba Yumizen H500	13	19.86	1.99	10.00	--
	Beckman Coulter DxH 500	19	17.12	0.55	3.24	--
	Nihon Kohden Celltac Alpha	15	20.17	1.31	6.51	--
	Beckman Coulter DxH 520	13	16.82	0.82	4.85	--
	Beckman Coulter DxH 520	12	16.93	0.76	4.48	--
	Sysmex XP-100	11	17.78	0.50	2.80	--
	Beckman Coulter DxH 800	6	21.07	0.60	2.84	--
	Horiba Yumizen H550	5	23.22	1.87	8.05	--

Remarks: Interpretation of your reports

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Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

Lab Name : DR AMRISH MEHTA'S APPLE DIAGNOSTIC

Sample No : 3

Report Date : 10/12/2022

Sample Date : 30-09-2022

Haematology - CBC, Total Leucocytes (WBC) count, /c.mm

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	133	1,441.97	292.93	20.32	16
Impedance - (Your Method)	118	1,436.83	300.83	20.94	14
Horiba Yumizen H500 - (Your Analyzer)	14	862.50	133.63	15.49	2

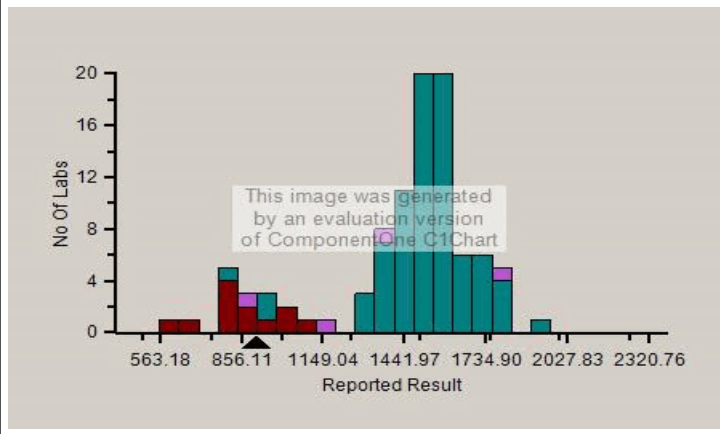
Evaluation Based On - Equipment wise Peer Grouping

Your Result	0.91	SDI / z-Score	0.26
Assigned Value	877.14	Average SDI	0.19
SDPA	125.857	Uncertainty of AV	39.33
Standard Unit Result Val	910.00	%DEV	5.51

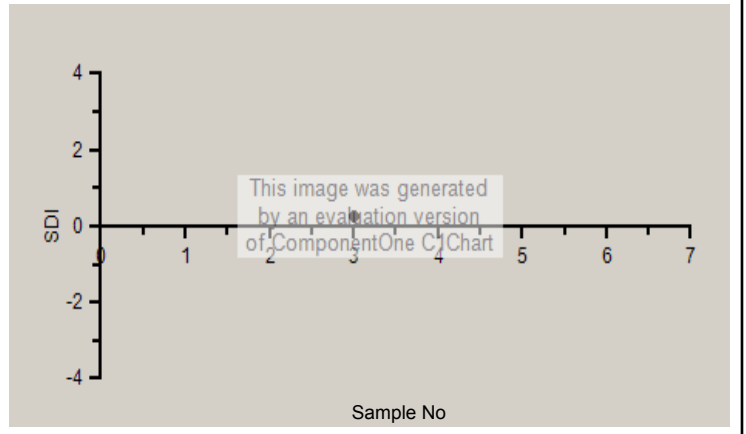
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X : SDI more than 4

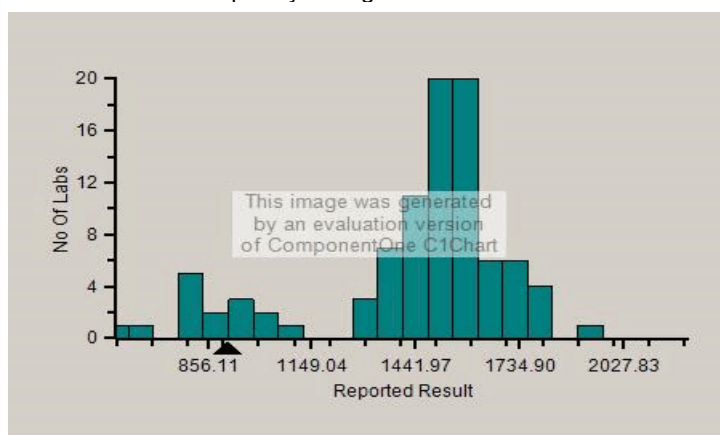
Frequency Histogram



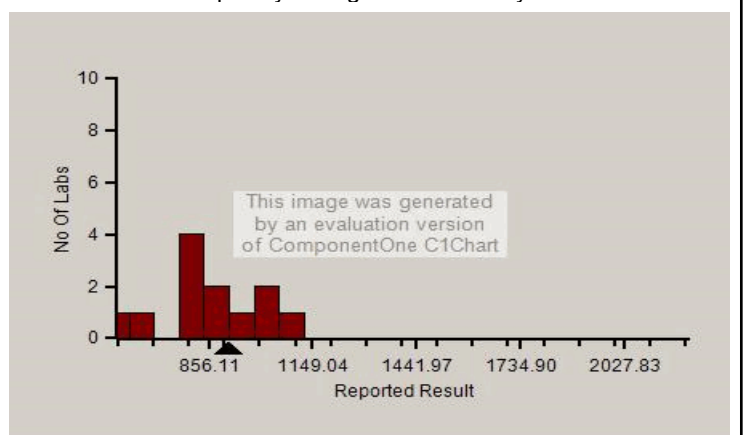
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 775

Cycle No : 220309

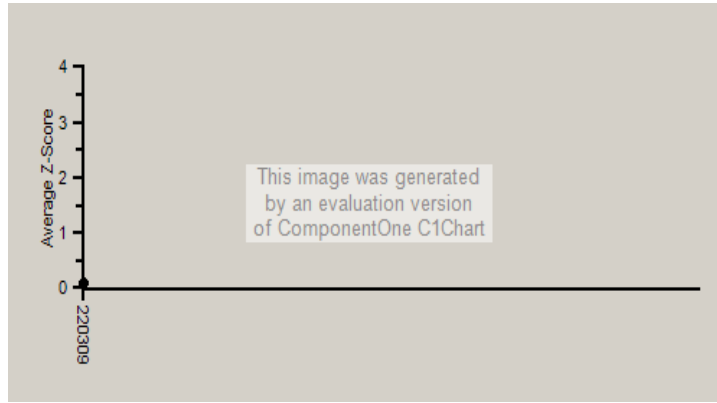
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Sample No : 3

Report Date : 10/12/2022

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Absolute Z-Score Average - Across Rounds



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Comments :

Haematology - CBC, Total Leucocytes (WBC) count

		N	Mean	SD	CV%	Excluded
	All Analyzer	133	1,441.97	292.93	20.32	16
Your Analyzer :	Horiba Yumizen H500	14	862.50	133.63	15.49	2
	Beckman Coulter DxH 500	25	1,498.26	118.81	7.93	2
	Sysmex XP-100	15	1,566.67	192.28	12.27	3
	Nihon Kohden Celltac Alpha	15	1,612.86	82.13	5.09	1
	Beckman Coulter DxH 520	14	1,500.83	69.08	4.60	1
	Beckman Coulter DxH 520	13	1,500.83	69.08	4.60	1
	Beckman Coulter DxH 800	10	1,575.00	70.71	4.49	2
	ERBA H 560	5	1,642.50	85.00	5.18	1

Remarks: Interpretation of your reports

- If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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