

Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, Basophils Differential, %

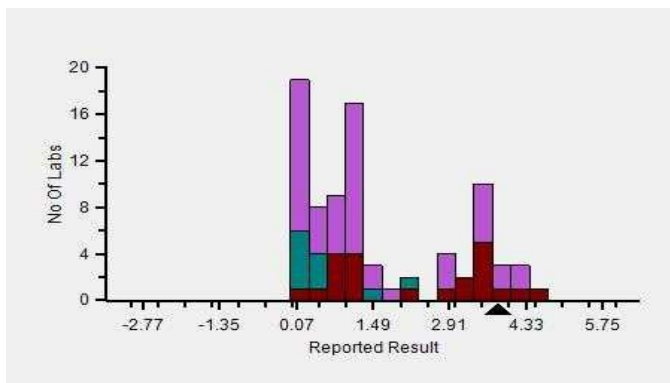
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	151	1.49	1.42	94.98	69
Impedance - (Your Method)	77	1.43	1.50	105.47	53
Horiba Yumizen H550 - (Your Analyzer)	22	2.23	1.46	65.38	--

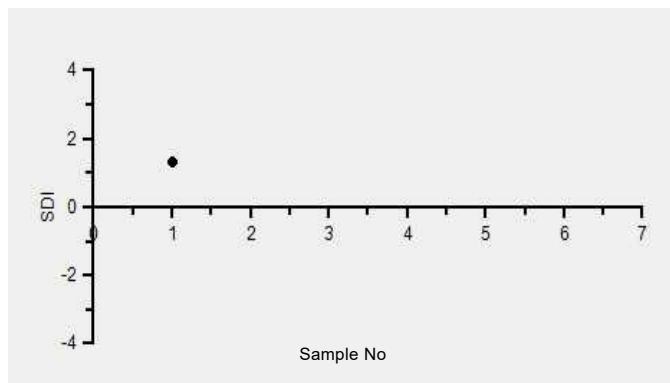
Your Result	3.80	SDI / z-Score	1.33
Assigned Value	1.80	Average SDI	0.31
SDPA	1.500	Uncertainty of AV	0.21
Standard Unit Result Val	3.80	%DEV	70.63

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

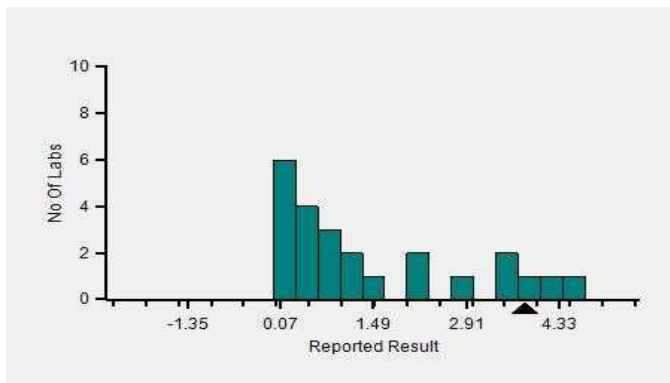
Frequency Histogram



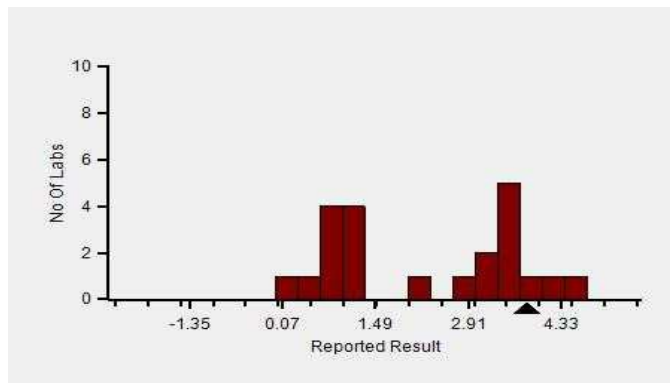
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

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Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Basophils Differential		N	Mean	SD	CV%	Excluded
	All Analyzer	151	1.49	1.42	94.98	69
Your Analyzer :	Horiba Yumizen H550	22	2.23	1.46	65.38	-
	Beckman Coulter DxH 500	31	-	-	-	31
	Beckman Coulter DxH 560	24	-	-	-	24
	Horiba Yumizen H500	21	2.38	1.55	65.00	-
	Horiba ABX Micros ES 60	7	0.43	0.54	124.71	-
	Sysmex XN 330	7	1.29	0.39	30.15	-
	Beckman Coulter DxH 800	5	-	-	-	5
	Sysmex XP-100	4	0.33	0.58	173.27	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
 - One out of two pass - Review for random error & take action if appropriate
 - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
 - All pass - Acceptable performance
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Lab : 1352

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Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, Eosinophils Differential, %

Comparative Statistics

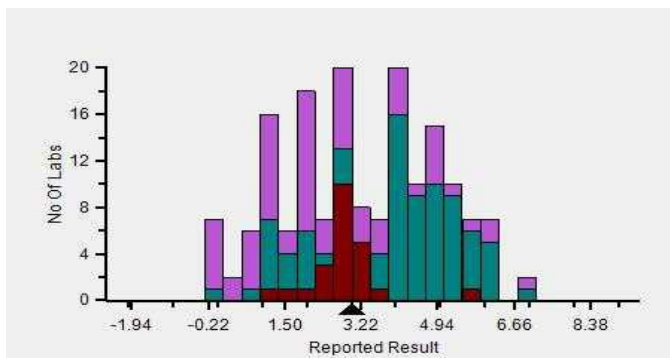
	N	Mean	SD	CV%	Excluded
All Methods	175	3.22	1.63	50.54	11
Impedance - (Your Method)	101	3.79	1.51	39.85	5
Horiba Yumizen H550 - (Your Analyzer)	24	2.89	0.81	28.16	1

Your Result	3.00	SDI / z-Score	0.04
Assigned Value	2.94	Average SDI	0.07
SDPA	1.500	Uncertainty of AV	0.08
Standard Unit Result Val	3.00	%DEV	3.91

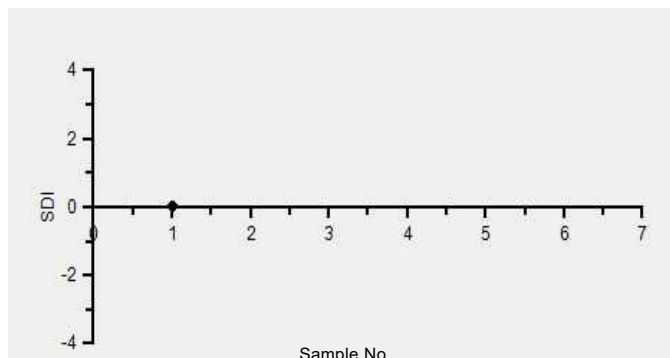
Note : # - Not evaluated / Bimodal distribution

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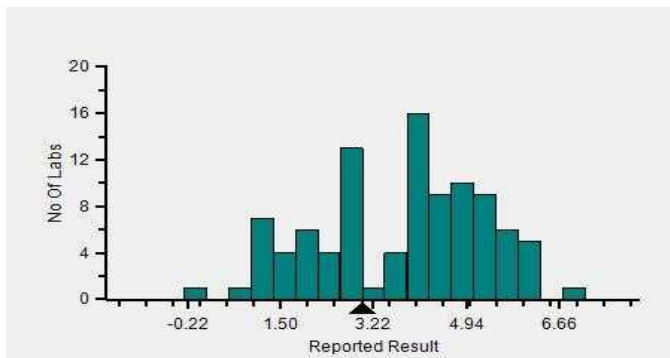
Frequency Histogram



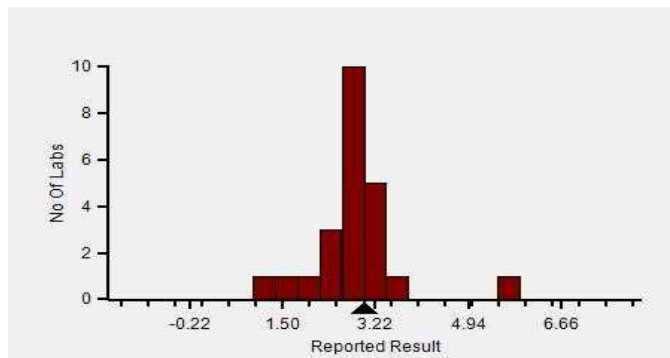
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

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Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Eosinophils Differential						
		N	Mean	SD	CV%	Excluded
	All Analyzer	175	3.35	1.62	48.29	11
Your Analyzer :	Horiba Yumizen H550	24	2.89	0.81	28.16	1
	Beckman Coulter DxH 500	33	4.66	1.22	26.22	-
	Beckman Coulter DxH 560	25	4.80	0.61	12.61	1
	Horiba Yumizen H500	25	2.84	0.81	28.49	-
	Beckman Coulter DxH 520	10	4.98	0.91	18.24	-
	Horiba ABX Micros ES 60	8	2.25	1.26	55.91	4
	Sysmex XN 330	7	1.33	0.64	48.31	-
	ERBA H 560	6	1.30	0.74	57.15	-

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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Round Open Date : 08/08/2024

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

Comparative Statistics

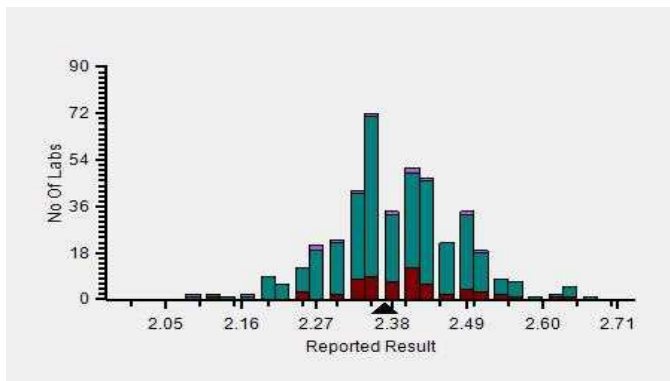
	N	Mean	SD	CV%	Excluded
All Methods	434	2.38	0.11	4.54	5
Impedance - (Your Method)	420	2.38	0.11	4.45	5
Horiba Yumizen H550 - (Your Analyzer)	62	2.39	0.09	3.80	--

Evaluation Based On - Equipment wise Peer Grouping

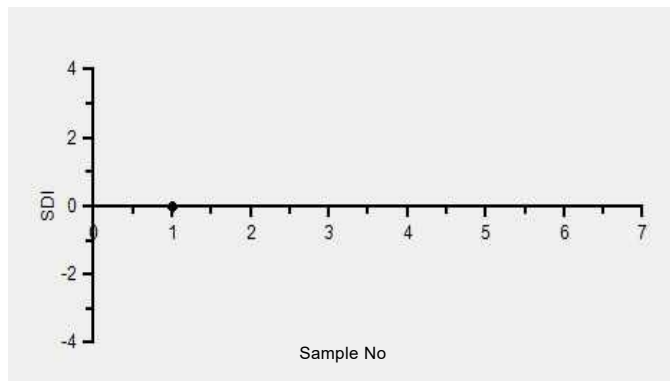
Your Result	2.37	SDI / z-Score	-0.02
Assigned Value	2.37	Average SDI	0.06
SDPA	0.200	Uncertainty of AV	0.01
Standard Unit Result Val	2.37	%DEV	-1.00

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

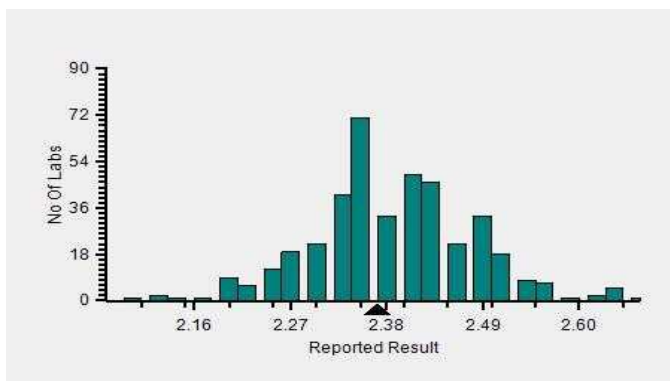
Frequency Histogram



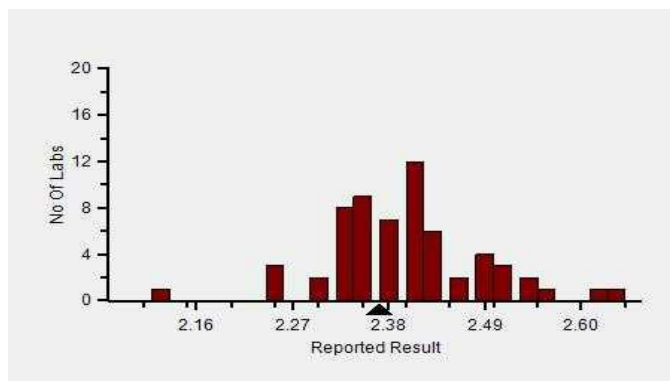
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

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Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Erythrocyte (RBC) Count		N	Mean	SD	CV%	Excluded
	All Analyzer	434	2.38	0.11	4.54	5
Your Analyzer :	Horiba Yumizen H550	62	2.39	0.09	3.80	-
	Beckman Coulter DxH 560	64	2.41	0.08	3.48	1
	Beckman Coulter DxH 560	63	2.41	0.09	3.52	1
	Beckman Coulter DxH 500	41	2.35	0.09	3.96	-
	Horiba Yumizen H500	41	2.38	0.08	3.36	-
	Beckman Coulter DxH 500	40	2.34	0.09	3.97	-
	Sysmex XP-100	26	2.47	0.08	3.32	-
	Horiba ABX Micros ES 60	19	2.38	0.12	5.18	-

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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Haematology - CBC, Haemoglobin, g/dL

Comparative Statistics

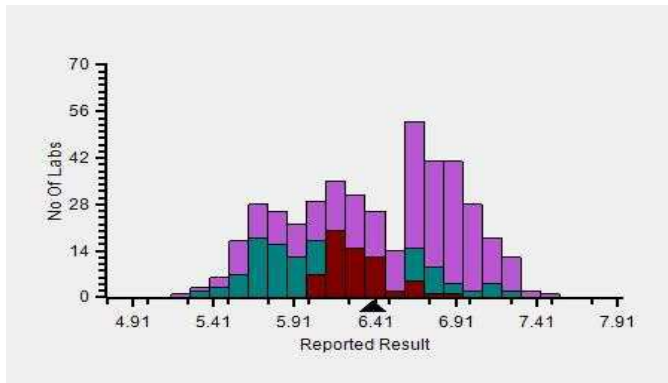
	N	Mean	SD	CV%	Excluded
All Methods	436	6.41	0.50	7.72	4
Photometric - (Your Method)	148	6.17	0.46	7.37	2
Horiba Yumizen H550 - (Your Analyzer)	63	6.31	0.18	2.79	--

Evaluation Based On - Equipment wise Peer Grouping

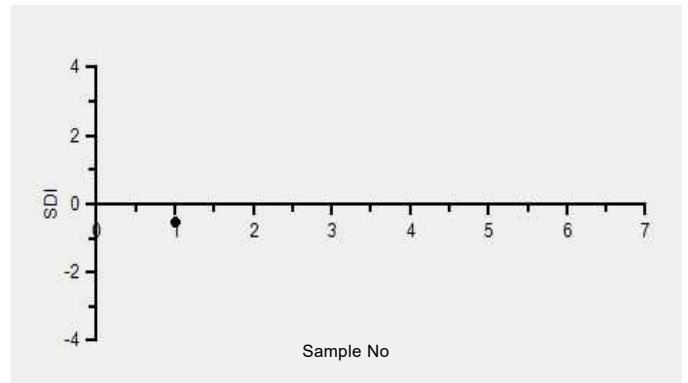
Your Result	6.40	SDI / z-Score	-0.51
Assigned Value	6.59	Average SDI	-0.48
SDPA	0.376	Uncertainty of AV	0.03
Standard Unit Result Val	6.40	%DEV	1.36

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

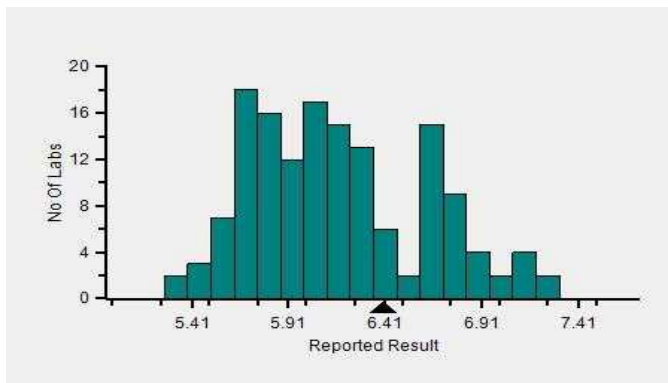
Frequency Histogram



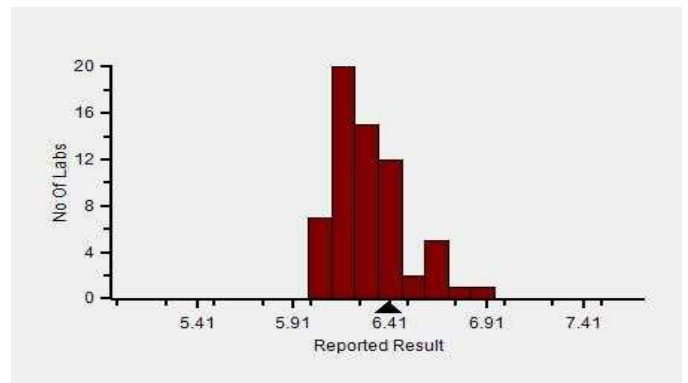
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Haemoglobin		N	Mean	SD	CV%	Excluded
	All Analyzer	436	6.41	0.50	7.72	4
Your Analyzer :	Horiba Yumizen H550	63	6.31	0.18	2.79	-
	Beckman Coulter DxH 560	64	5.77	0.24	4.11	-
	Beckman Coulter DxH 560	63	5.77	0.24	4.14	-
	Beckman Coulter DxH 500	41	5.89	0.38	6.36	-
	Horiba Yumizen H500	41	6.32	0.19	2.99	-
	Beckman Coulter DxH 500	40	5.90	0.38	6.45	-
	Sysmex XP-100	28	6.84	0.29	4.27	-
	Horiba ABX Micros ES 60	20	6.56	0.27	4.15	-

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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Haematology - CBC, Hematocrit, %

Comparative Statistics

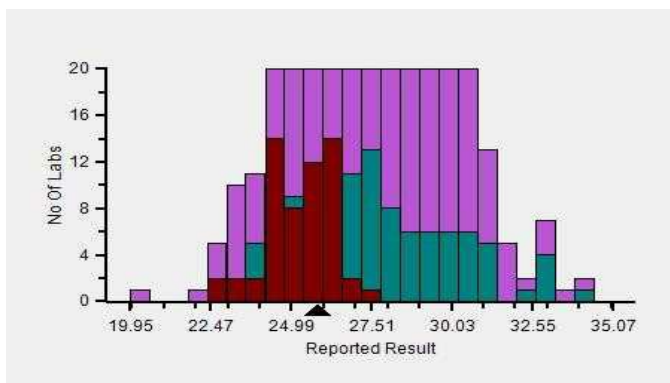
	N	Mean	SD	CV%	Excluded
All Methods	403	27.50	2.53	9.19	11
Impedance - (Your Method)	115	27.44	2.74	10.00	4
Horiba Yumizen H550 - (Your Analyzer)	58	25.19	1.01	4.01	1

Evaluation Based On - Equipment wise Peer Grouping

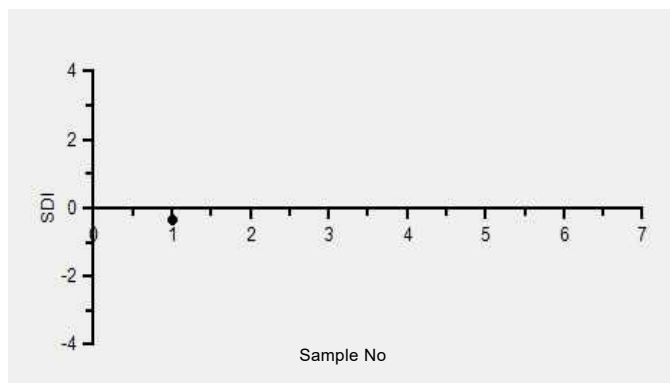
Your Result	25.80	SDI / z-Score	-0.33
Assigned Value	26.67	Average SDI	-0.17
SDPA	2.671	Uncertainty of AV	0.23
Standard Unit Result Val	25.80	%DEV	2.41

Note : # - Not evaluated / Bimodal distribution
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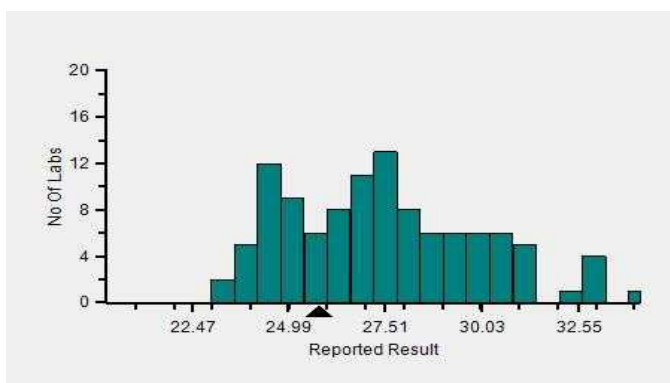
Frequency Histogram



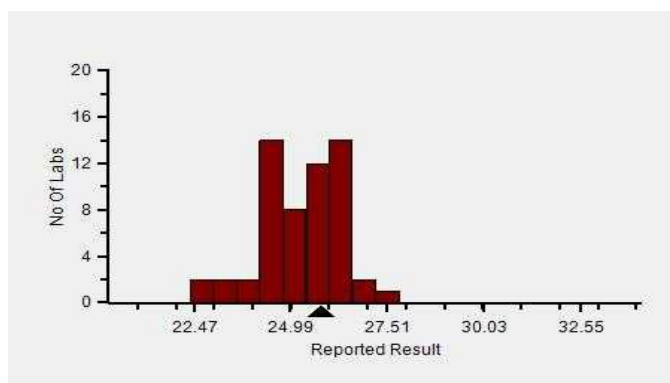
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Hematocrit		N	Mean	SD	CV%	Excluded
	All Analyzer	403	27.50	2.53	9.19	11
Your Analyzer :	Horiba Yumizen H550	58	25.19	1.01	4.01	1
	Beckman Coulter DxH 560	64	27.82	1.13	4.08	1
	Beckman Coulter DxH 560	63	27.83	1.14	4.10	1
	Horiba Yumizen H500	41	25.23	1.45	5.76	-
	Beckman Coulter DxH 500	28	27.71	1.21	4.37	-
	Beckman Coulter DxH 500	27	27.64	1.17	4.23	-
	Sysmex XP-100	25	27.44	2.38	8.69	-
	Nihon Kohden Celltac Alpha	18	30.02	1.88	6.27	-

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.
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Haematology - CBC, Lymphocytes Differential, %

Comparative Statistics

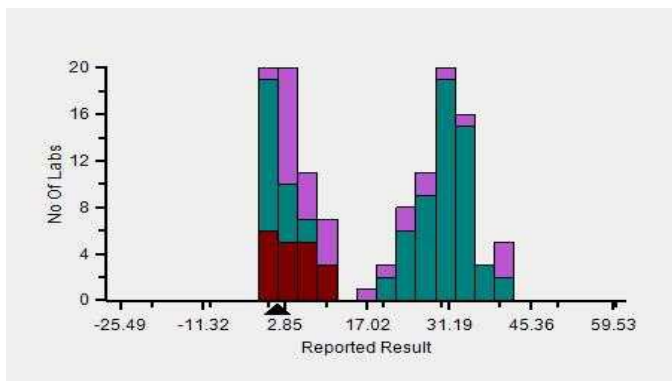
	N	Mean	SD	CV%	Excluded
All Methods	183	17.02	14.04	82.47	42
Impedance - (Your Method)	112	19.83	13.86	69.89	20
Horiba Yumizen H550 - (Your Analyzer)	24	4.27	3.16	73.87	5

Your Result	1.70	SDI / z-Score	-1.38
Assigned Value	5.15	Average SDI	-0.95
SDPA	2.500	Uncertainty of AV	0.34
Standard Unit Result Val	1.70	%DEV	-60.22

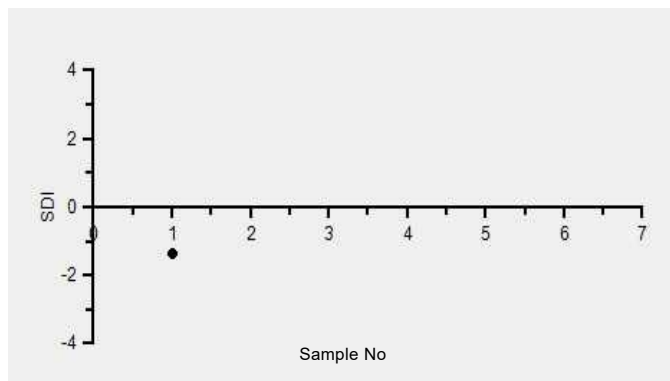
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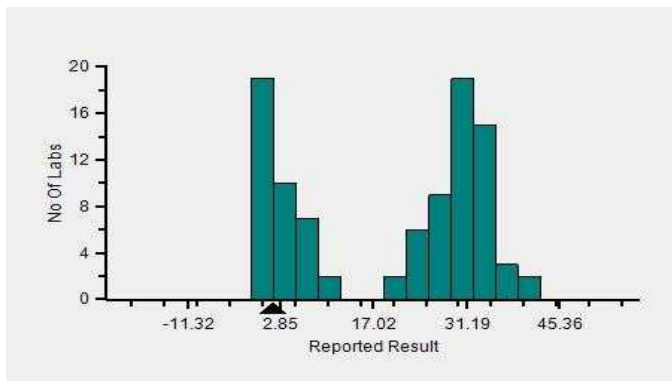
Frequency Histogram



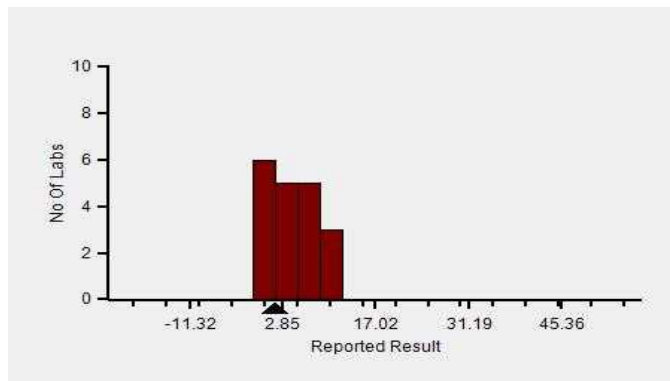
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Lymphocytes Differential		N	Mean	SD	CV%	Excluded
	All Analyzer	183	17.85	14.01	78.50	42
Your Analyzer :	Horiba Yumizen H550	24	4.27	3.16	73.87	5
	Beckman Coulter DxH 500	33	28.45	4.60	16.17	7
	Beckman Coulter DxH 560	24	32.14	2.02	6.28	1
	Horiba Yumizen H500	24	2.29	2.17	94.93	10
	Beckman Coulter DxH 520	10	29.07	2.60	8.95	-
	Horiba ABX Micros ES 60	9	6.36	2.41	37.83	1
	Sysmex XP-100	8	2.52	3.07	121.91	3
	Sysmex XN 330	8	1.81	1.03	56.59	-

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

Comparative Statistics

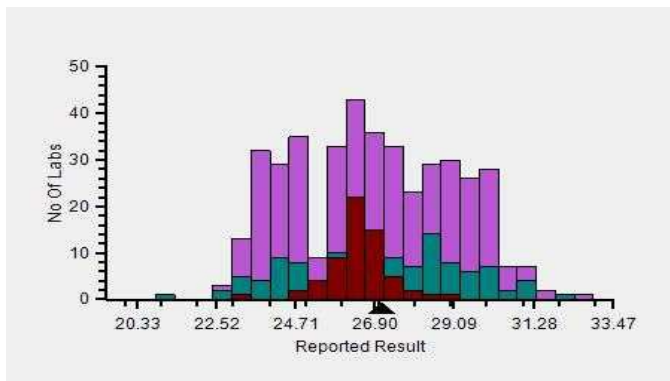
	N	Mean	SD	CV%	Excluded
All Methods	430	26.92	2.19	8.13	11
Impedance - (Your Method)	122	27.06	2.27	8.38	3
Horiba Yumizen H550 - (Your Analyzer)	62	26.47	0.84	3.16	--

Evaluation Based On - Equipment wise Peer Grouping

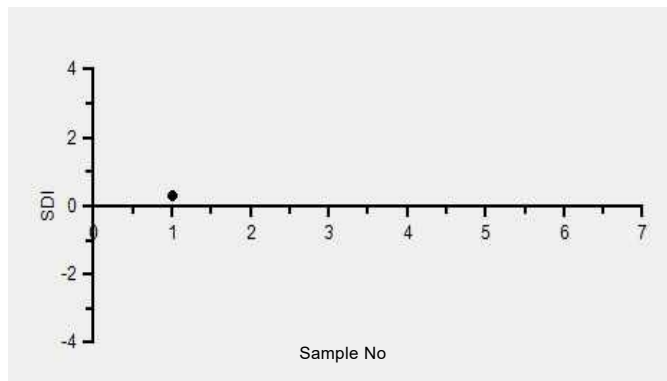
Your Result	27.10	SDI / z-Score	0.30
Assigned Value	26.64	Average SDI	0.16
SDPA	1.500	Uncertainty of AV	0.09
Standard Unit Result Val	27.10	%DEV	2.37

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

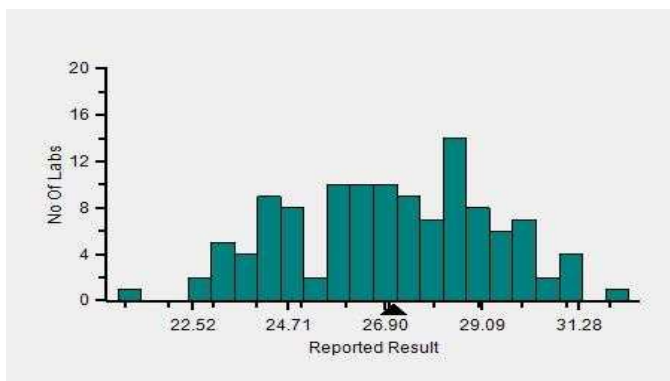
Frequency Histogram



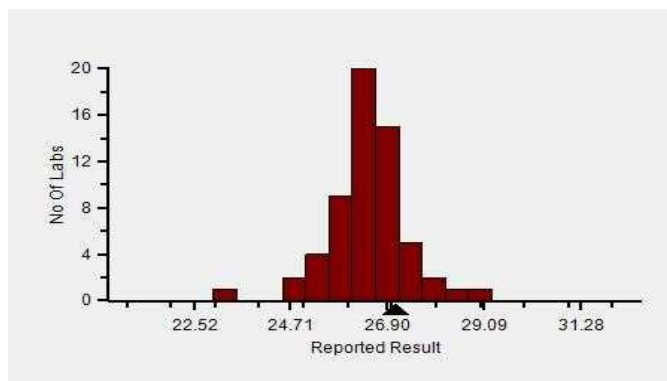
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, MCH (Mean Corpuscular Hb)						
		N	Mean	SD	CV%	Excluded
	All Analyzer	430	26.92	2.19	8.13	11
Your Analyzer :	Horiba Yumizen H550	62	26.47	0.84	3.16	-
	Beckman Coulter DxH 560	64	23.95	0.75	3.11	1
	Beckman Coulter DxH 560	63	23.94	0.75	3.12	1
	Beckman Coulter DxH 500	41	24.71	0.84	3.39	3
	Horiba Yumizen H500	41	26.54	0.79	2.97	-
	Beckman Coulter DxH 500	40	24.72	0.84	3.40	3
	Sysmex XP-100	26	27.77	1.19	4.27	-
	Horiba ABX Micros ES 60	20	27.96	1.11	3.97	1

Remarks: Interpretation of your reports

- If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
- 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
- One out of two pass - Review for random error & take action if appropriate
- Both failed - Unacceptable performance, Review for systematic error

b) Reported on 3 samples:

- All pass - Acceptable performance
- Two out of three pass - Review for random error & take action if appropriate
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

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

Comparative Statistics

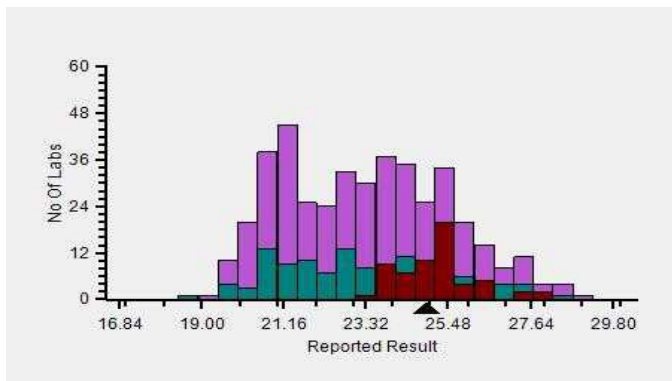
	N	Mean	SD	CV%	Excluded
All Methods	430	23.33	2.16	9.24	12
Impedance - (Your Method)	125	23.35	2.17	9.30	3
Horiba Yumizen H550 - (Your Analyzer)	61	25.20	1.04	4.11	1

Evaluation Based On - Equipment wise Peer Grouping

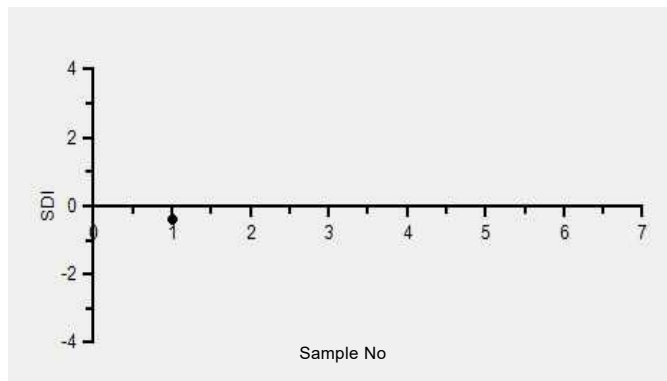
Your Result	24.90	SDI / z-Score	-0.38
Assigned Value	25.36	Average SDI	-0.49
SDPA	1.216	Uncertainty of AV	0.14
Standard Unit Result Val	24.90	%DEV	-1.20

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

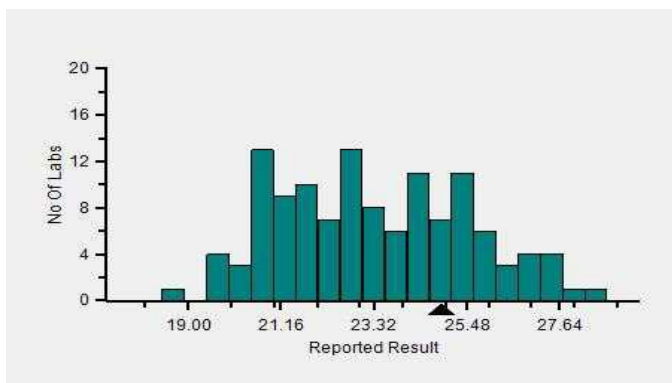
Frequency Histogram



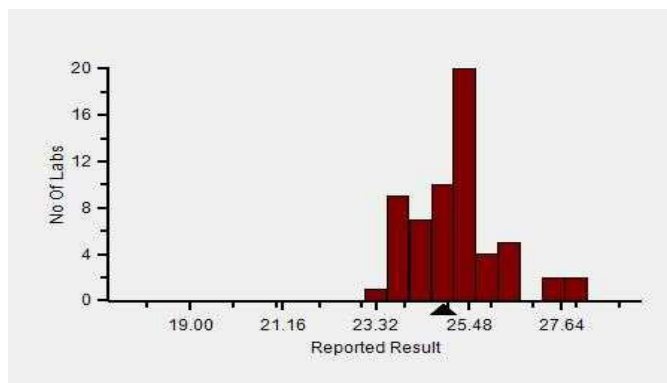
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, MCHC (Mean Corpuscular Hb Concentration)						
		N	Mean	SD	CV%	Excluded
	All Analyzer	430	23.33	2.16	9.24	12
Your Analyzer :	Horiba Yumizen H550	61	25.20	1.04	4.11	1
	Beckman Coulter DxH 560	64	20.78	0.72	3.45	1
	Beckman Coulter DxH 560	63	20.77	0.72	3.46	1
	Horiba Yumizen H500	42	25.06	1.01	4.05	-
	Beckman Coulter DxH 500	40	21.38	1.03	4.80	-
	Beckman Coulter DxH 500	39	21.42	1.01	4.70	-
	Sysmex XP-100	26	24.42	1.24	5.06	1
	Horiba ABX Micros ES 60	20	26.79	1.42	5.29	-

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
- One out of two pass - Review for random error & take action if appropriate
- Both failed - Unacceptable performance, Review for systematic error

b) Reported on 3 samples:

- All pass - Acceptable performance
- Two out of three pass - Review for random error & take action if appropriate
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

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

Comparative Statistics

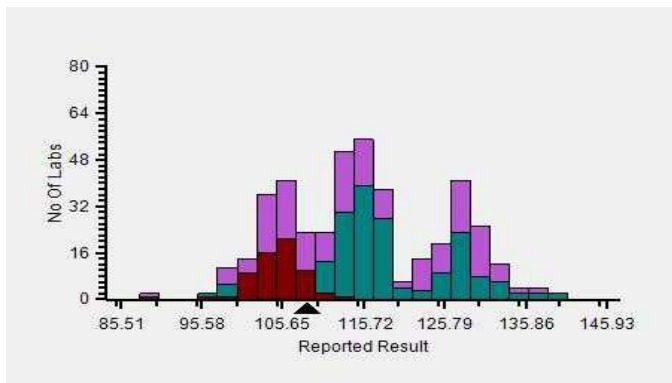
	N	Mean	SD	CV%	Excluded
All Methods	431	115.71	10.09	8.72	9
Impedance - (Your Method)	219	116.27	9.28	7.98	4
Horiba Yumizen H550 - (Your Analyzer)	62	104.83	3.68	3.51	--

Evaluation Based On - Equipment wise Peer Grouping

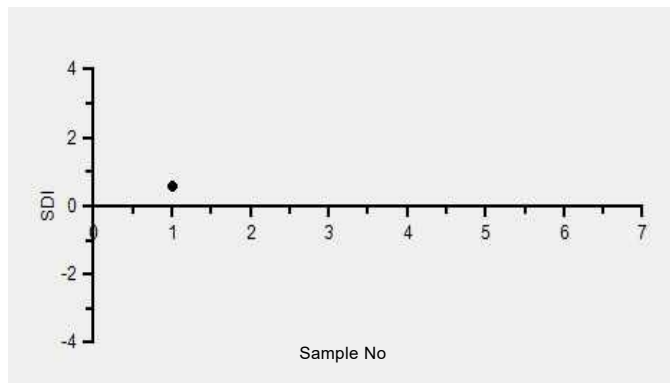
Your Result	108.80	SDI / z-Score	0.60
Assigned Value	105.16	Average SDI	0.98
SDPA	6.100	Uncertainty of AV	0.37
Standard Unit Result Val	108.80	%DEV	3.79

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

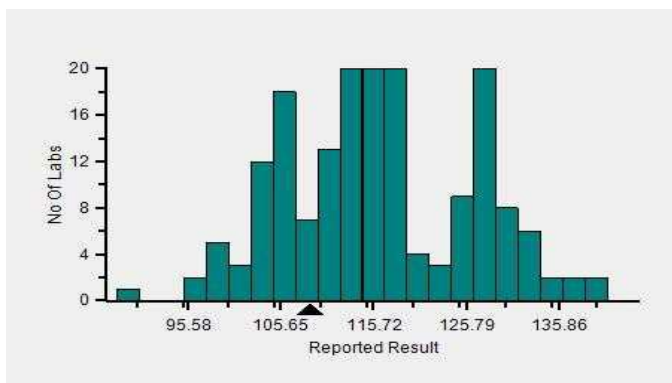
Frequency Histogram



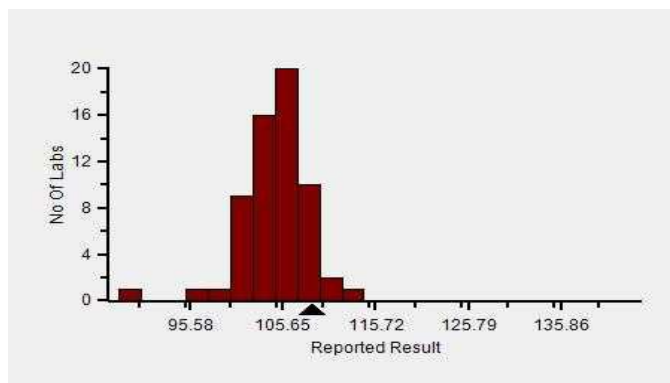
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, MCV (Mean Corpuscular Volume)		N	Mean	SD	CV%	Excluded
	All Analyzer	431	115.71	10.09	8.72	9
Your Analyzer :	Horiba Yumizen H550	62	104.83	3.68	3.51	-
	Beckman Coulter DxH 560	64	115.25	1.91	1.66	1
	Beckman Coulter DxH 560	63	115.25	1.93	1.67	1
	Beckman Coulter DxH 500	41	117.41	3.57	3.04	-
	Horiba Yumizen H500	41	105.44	2.99	2.83	1
	Beckman Coulter DxH 500	40	117.31	3.55	3.03	-
	Sysmex XP-100	26	112.82	5.77	5.11	-
	Horiba ABX Micros ES 60	20	103.31	5.69	5.50	-

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
 - One out of two pass - Review for random error & take action if appropriate
 - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
 - All pass - Acceptable performance
 - Two out of three pass - Review for random error & take action if appropriate
 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, Monocytes Differential, %

Comparative Statistics

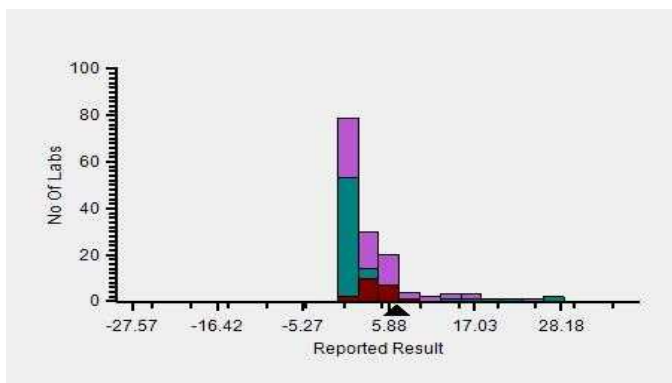
	N	Mean	SD	CV%	Excluded
All Methods	154	5.88	11.15	189.64	--
Impedance - (Your Method)	85	5.21	10.95	210.30	--
Horiba Yumizen H550 - (Your Analyzer)	20	4.15	2.22	53.51	--

Your Result	6.80	SDI / z-Score	
Assigned Value	#	Average SDI	
SDPA	#	Uncertainty of AV	
Standard Unit Result Val	6.80 #	%DEV	64.05

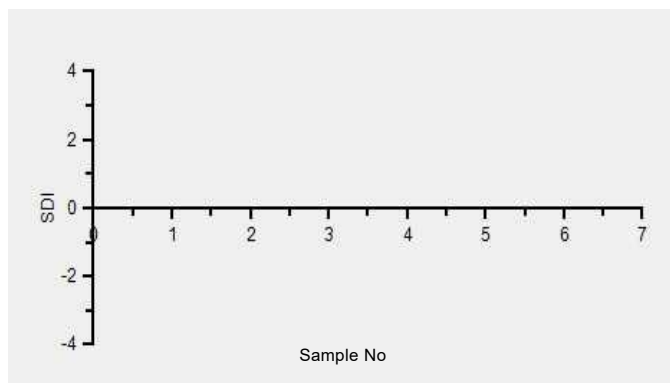
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

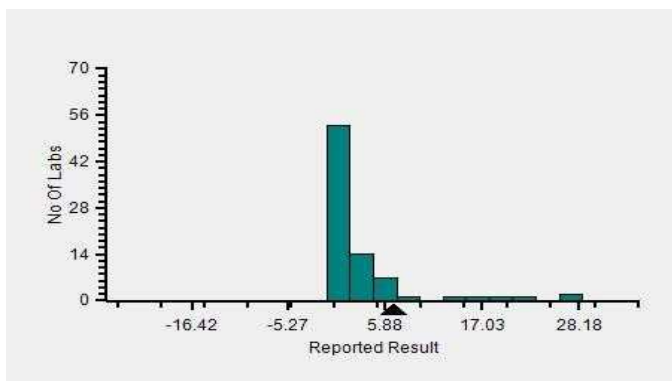
Frequency Histogram



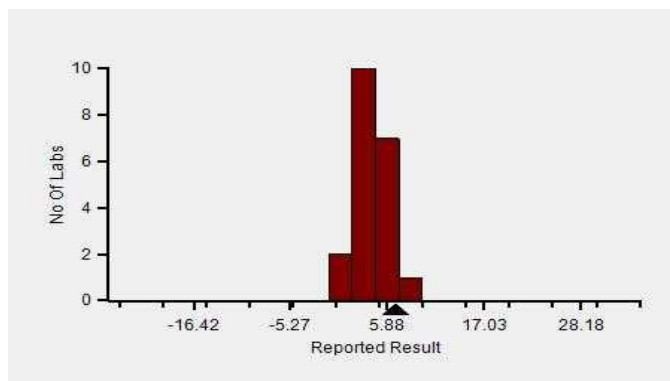
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Monocytes Differential		N	Mean	SD	CV%	Excluded
	All Analyzer	154	5.88	11.15	189.64	0
Your Analyzer :	Horiba Yumizen H550	20	4.15	2.22	53.51	-
	Beckman Coulter DxH 500	33	1.56	4.06	259.76	-
	Beckman Coulter DxH 560	24	0.79	0.46	57.94	-
	Horiba Yumizen H500	23	4.47	2.25	50.22	-
	Horiba ABX Micros ES 60	8	15.48	13.11	84.74	-
	Sysmex XN 330	7	4.21	5.30	125.84	-
	Sysmex XP-100	5	21.30	24.95	117.13	-
	Beckman Coulter DxH 800	5	20.46	24.34	118.94	-

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:

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 - Two out of three pass - Review for random error & take action if appropriate
 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error

Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, Neutrophils Differential, %

Comparative Statistics

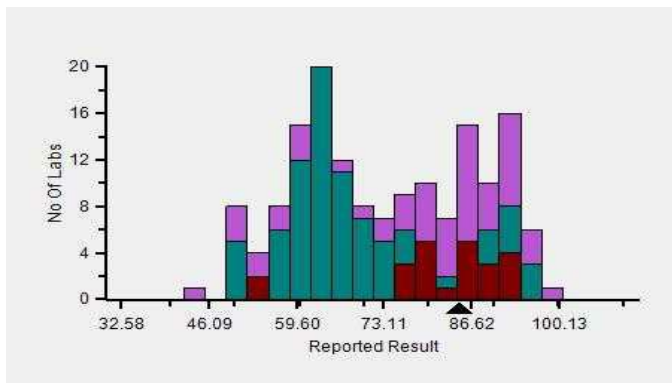
	N	Mean	SD	CV%	Excluded
All Methods	178	73.11	13.51	18.48	14
Impedance - (Your Method)	110	70.89	12.23	17.25	7
Horiba Yumizen H550 - (Your Analyzer)	23	81.74	10.78	13.18	--

Evaluation Based On - Equipment wise Peer Grouping

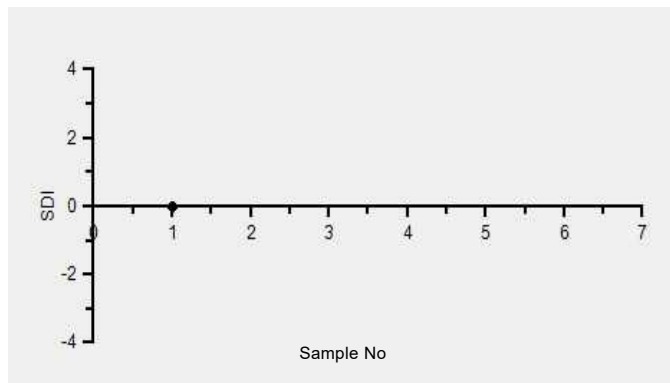
Your Result	84.70	SDI / z-Score	-0.04
Assigned Value	85.16	Average SDI	-0.30
SDPA	12.500	Uncertainty of AV	1.13
Standard Unit Result Val	84.70	%DEV	3.62

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

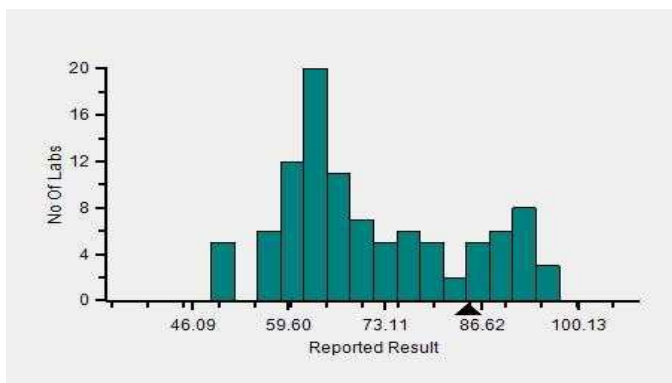
Frequency Histogram



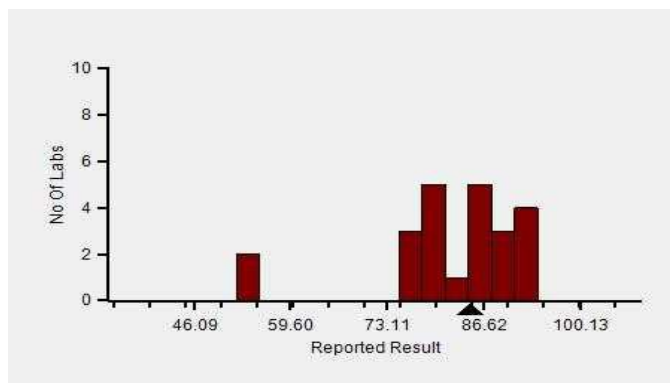
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Neutrophils Differential		N	Mean	SD	CV%	Excluded
	All Analyzer	178	73.11	13.51	18.48	14
Your Analyzer :	Horiba Yumizen H550	23	81.74	10.78	13.18	-
	Beckman Coulter DxH 500	33	68.25	7.23	10.60	2
	Horiba Yumizen H500	26	82.34	12.59	15.29	-
	Beckman Coulter DxH 560	24	62.11	1.76	2.83	1
	Beckman Coulter DxH 520	10	65.14	2.59	3.98	-
	Horiba ABX Micros ES 60	9	73.48	12.50	17.01	-
	Sysmex XN 330	8	90.13	5.35	5.93	-
	Sysmex XP-100	6	72.80	17.11	23.50	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
 - One out of two pass - Review for random error & take action if appropriate
 - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
 - All pass - Acceptable performance
 - Two out of three pass - Review for random error & take action if appropriate
 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error

Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, Platelet Count, 1000/ μ L

Comparative Statistics

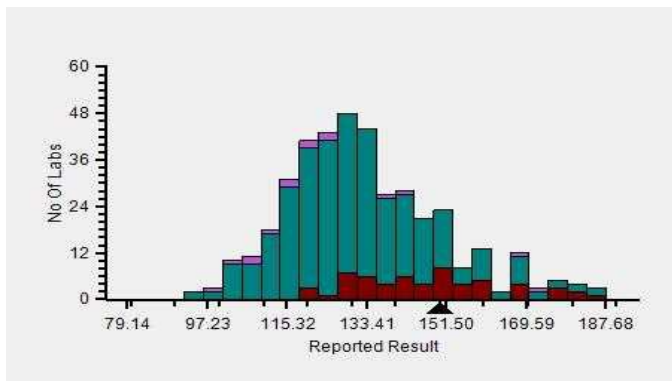
	N	Mean	SD	CV%	Excluded
All Methods	434	133.46	18.10	13.56	33
Impedance - (Your Method)	418	133.80	17.86	13.35	32
Horiba Yumizen H550 - (Your Analyzer)	62	148.12	17.52	11.83	3

Evaluation Based On - Equipment wise Peer Grouping

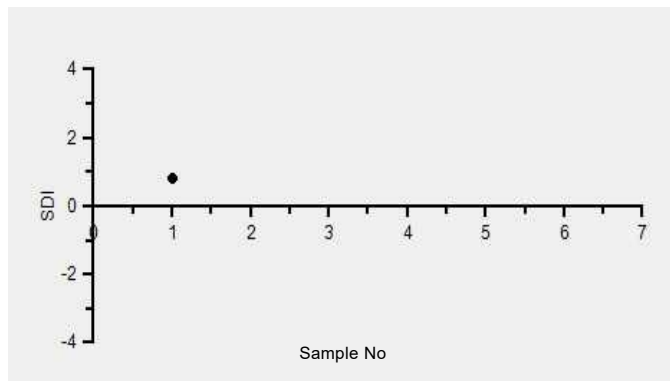
Your Result	150.00	SDI / z-Score	0.82
Assigned Value	132.94	Average SDI	0.83
SDPA	20.900	Uncertainty of AV	1.48
Standard Unit Result Val	150.00	%DEV	1.27

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

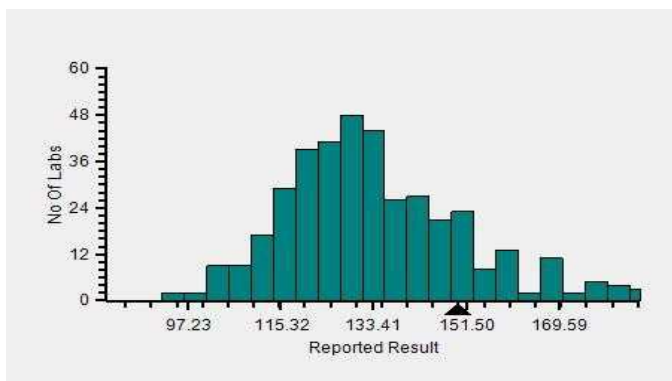
Frequency Histogram



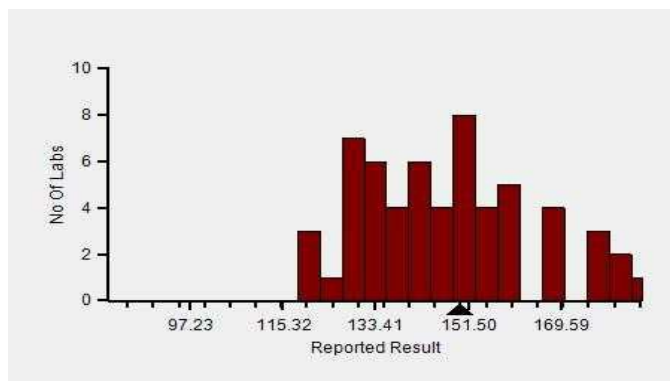
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Platelet Count		N	Mean	SD	CV%	Excluded
	All Analyzer	434	133.46	18.10	13.56	33
Your Analyzer :	Horiba Yumizen H550	62	148.12	17.52	11.83	3
	Beckman Coulter DxH 560	64	130.46	9.38	7.19	1
	Beckman Coulter DxH 560	63	130.46	9.38	7.19	1
	Beckman Coulter DxH 500	41	132.22	15.10	11.42	-
	Horiba Yumizen H500	41	137.94	20.51	14.87	2
	Beckman Coulter DxH 500	40	132.61	15.07	11.37	-
	Sysmex XP-100	28	128.04	9.09	7.10	-
	Horiba ABX Micros ES 60	20	141.63	21.07	14.88	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
 - One out of two pass - Review for random error & take action if appropriate
 - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
 - All pass - Acceptable performance
 - Two out of three pass - Review for random error & take action if appropriate
 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Haematology - CBC, RDW CV%, %

Comparative Statistics

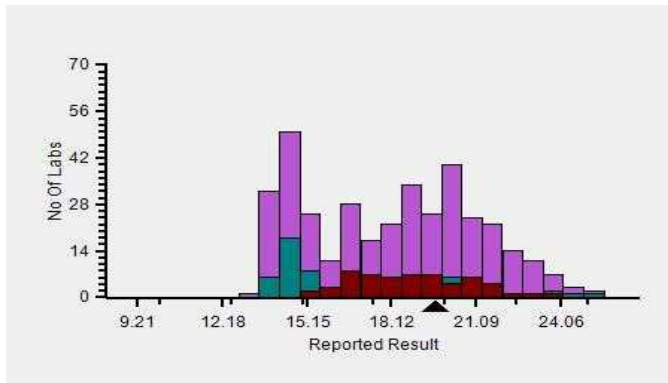
	N	Mean	SD	CV%	Excluded
All Methods	394	18.14	2.97	16.34	28
Impedance - (Your Method)	78	17.37	2.96	17.06	3
Horiba Yumizen H550 - (Your Analyzer)	58	18.81	2.01	10.68	1

Evaluation Based On - Equipment wise Peer Grouping

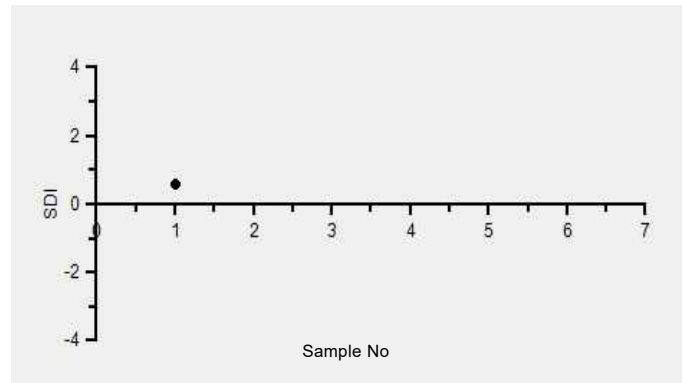
Your Result	19.70	SDI / z-Score	0.57
Assigned Value	18.56	Average SDI	0.47
SDPA	2.022	Uncertainty of AV	0.24
Standard Unit Result Val	19.70	%DEV	4.74

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

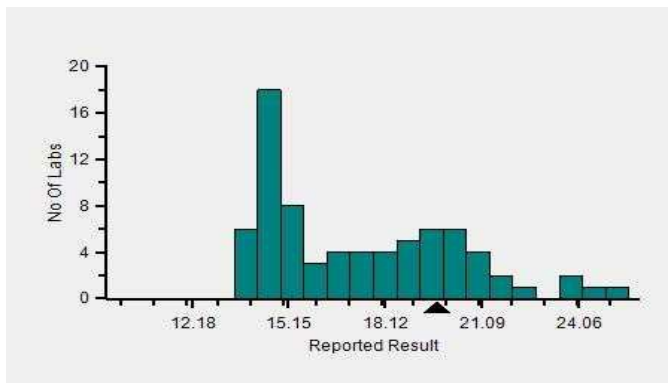
Frequency Histogram



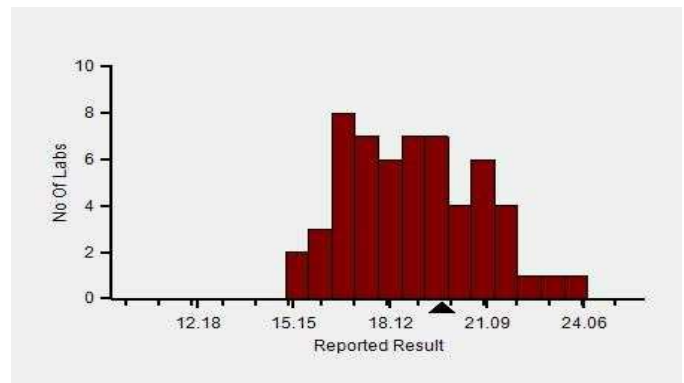
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, RDW CV%		N	Mean	SD	CV%	Excluded
	All Analyzer	394	18.14	2.97	16.34	28
Your Analyzer :	Horiba Yumizen H550	58	18.81	2.01	10.68	1
	Beckman Coulter DxH 560	63	14.49	0.57	3.95	1
	Beckman Coulter DxH 560	62	14.48	0.57	3.96	1
	Horiba Yumizen H500	41	18.87	1.73	9.18	1
	Beckman Coulter DxH 500	27	14.77	1.05	7.13	1
	Beckman Coulter DxH 500	26	14.79	1.07	7.20	1
	Sysmex XP-100	22	20.48	0.91	4.45	-
	Beckman Coulter DxH 520	17	14.40	0.55	3.83	-

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
- One out of two pass - Review for random error & take action if appropriate
- Both failed - Unacceptable performance, Review for systematic error

b) Reported on 3 samples:

- All pass - Acceptable performance
- Two out of three pass - Review for random error & take action if appropriate
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

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

Comparative Statistics

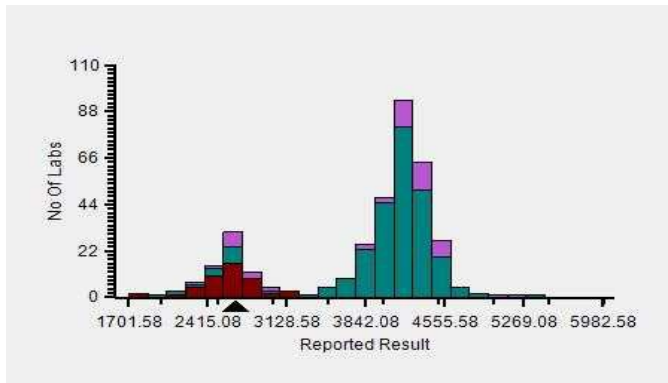
	N	Mean	SD	CV%	Excluded
All Methods	433	3,841.23	714.31	18.60	74
Impedance - (Your Method)	362	3,841.25	697.50	18.16	58
Horiba Yumizen H550 - (Your Analyzer)	62	2,604.58	279.06	10.71	14

Evaluation Based On - Equipment wise Peer Grouping

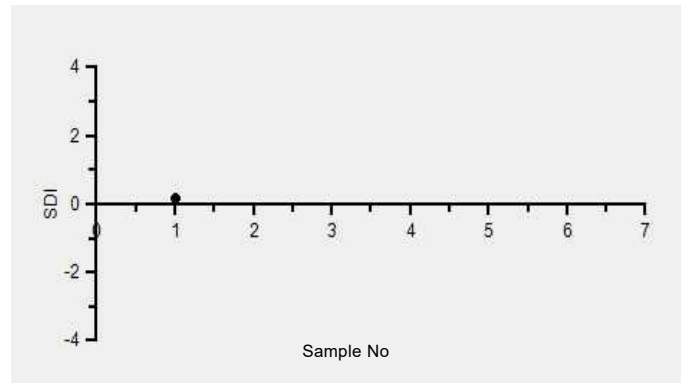
Your Result	2.67	SDI / z-Score	0.16
Assigned Value	2,622.70	Average SDI	0.21
SDPA	292.000	Uncertainty of AV	29.76
Standard Unit Result Val	2,670.00	%DEV	2.51

Note : # - Not evaluated / Bimodal distribution
X : SDI more than 4

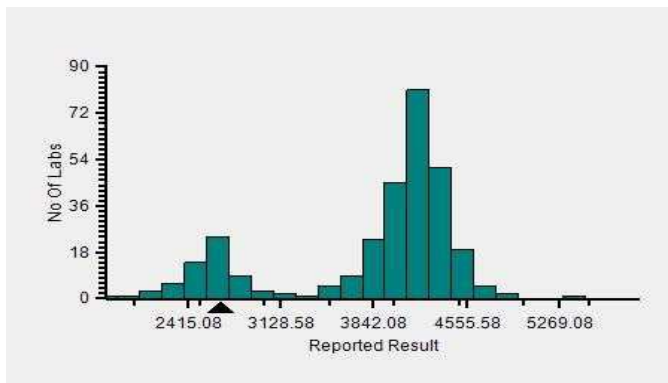
Frequency Histogram



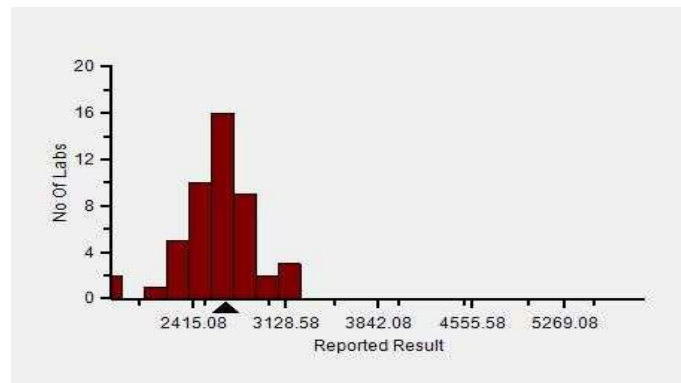
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1352

Lab Name : TATA 1MG LABS JAIPUR

Report Date : 18/10/2024

Cycle No : 240207

Sample No : 01

Round Open Date : 08/08/2024

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Haematology - CBC, Total Leucocytes (WBC) count		N	Mean	SD	CV%	Excluded
	All Analyzer	433	3,841.23	714.31	18.60	74
Your Analyzer :	Horiba Yumizen H550	62	2,604.58	279.06	10.71	14
	Beckman Coulter DxH 560	64	4,121.19	167.10	4.06	4
	Beckman Coulter DxH 560	63	4,121.19	167.10	4.06	4
	Beckman Coulter DxH 500	41	4,017.03	213.35	5.31	4
	Beckman Coulter DxH 500	40	4,013.33	215.17	5.36	4
	Horiba Yumizen H500	40	2,581.61	250.03	9.69	9
	Sysmex XP-100	28	4,146.67	252.22	6.08	4
	Horiba ABX Micros ES 60	20	4,117.65	162.92	3.96	3

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
 - One out of two pass - Review for random error & take action if appropriate
 - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
 - All pass - Acceptable performance
 - Two out of three pass - Review for random error & take action if appropriate
 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error

Dr Puneet Kumar Nigam

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This is a computer generated report hence signature is not required



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End of Report

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