

Analyte Methodwise Result Report

Lab : 650

Cycle No : 220104

Lab Name : DR.KAUSHIK PATH LABS

Sample No : 2

Report Date : 23/05/2022

Sample Date : 26-04-2022

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

Comparative Statistics	N	Mean	SD	CV%	Excluded
All Methods	220	5.61	0.23	4.12	3
Impedance - (Your Method)	211	5.61	0.24	4.19	3
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

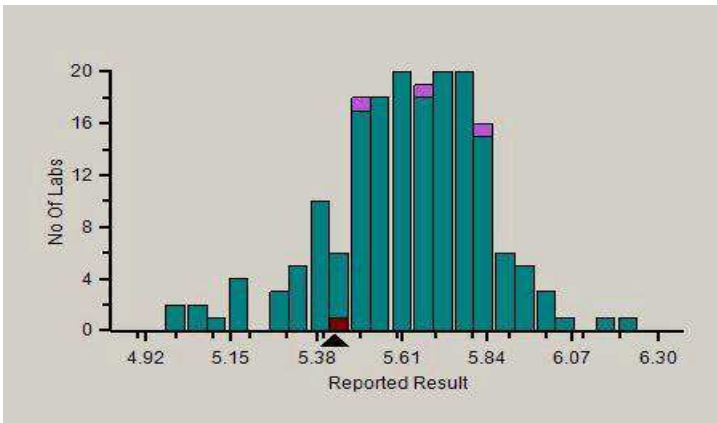
Evaluation Based On - Equipment wise Peer Grouping

Your Result	5.43	SDI / z-Score	-0.49
Assigned Value	5.60	Average SDI	-0.87
SDPA	0.354	Uncertainty of AV	0.09
Standard Unit Result Val	5.43	%DEV	-3.19

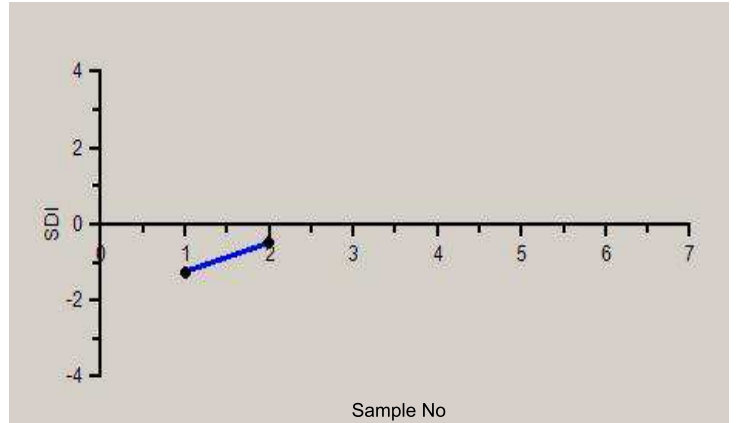
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

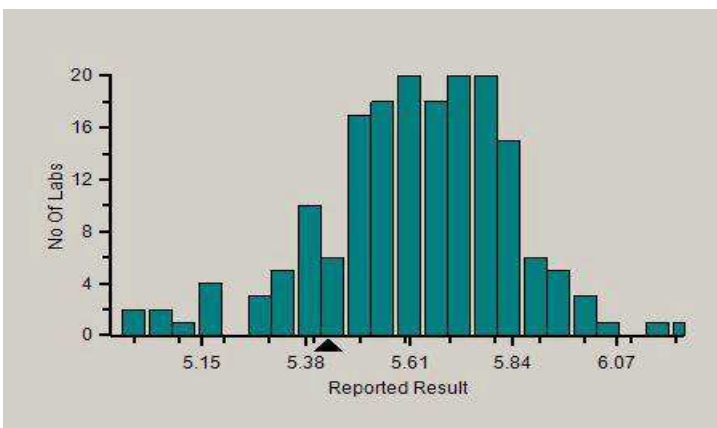
Frequency Histogram



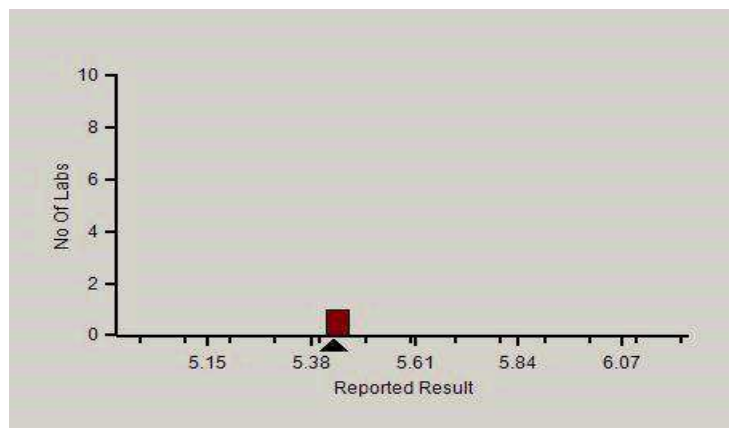
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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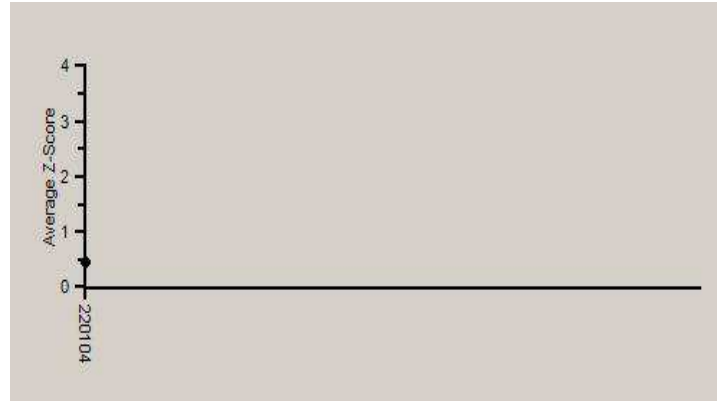
Lab Name : DR.KAUSHIK PATH LABS

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Sample Date : 26-04-2022

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	220	5.61	0.23	4.12	3
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	42	5.56	0.25	4.46	--
Avantor H 33-S	31	5.66	0.24	4.31	--
Sysmex XP-100	25	5.62	0.17	2.97	--
Horiba ABX Pentra XL 80	22	5.72	0.18	3.10	2
Beckman Coulter DxH 800	19	5.65	0.09	1.67	--
Beckman Coulter DxH 520	15	5.57	0.23	4.20	--
Aspen AD-3200 Plus	8	5.66	0.38	6.70	--
Nihon Kohden Celltac Alpha	8	5.56	0.33	5.84	--

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:

- 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
- Reported on 3 samples:
 - All pass - Acceptable performance
 - Two out of three pass - Review for random error & take action if appropriate
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Haematology - CBC, Haemoglobin, g/dL

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	220	15.00	0.56	3.70	2
Impedance - (Your Method)	96	14.89	0.62	4.16	1
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

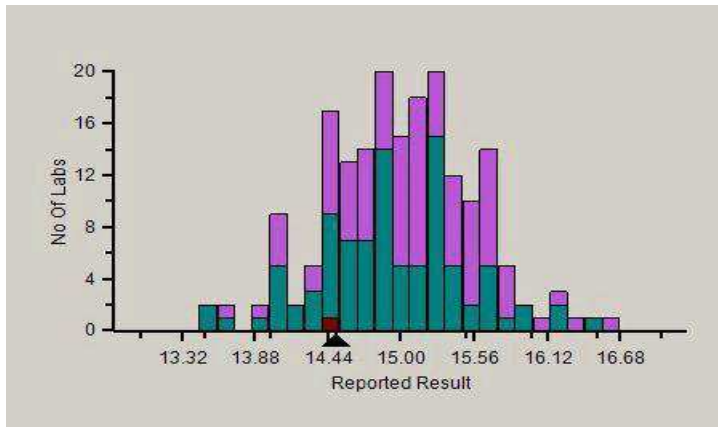
Evaluation Based On - Equipment wise Peer Grouping

Your Result	14.50	SDI / z-Score	-0.06
Assigned Value	14.53	Average SDI	-0.28
SDPA	0.567	Uncertainty of AV	0.14
Standard Unit Result Val	14.50	%DEV	-2.59

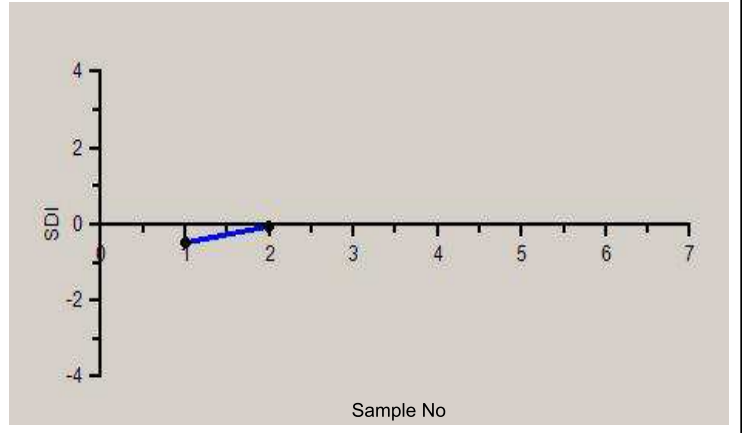
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X : SDI more than 4

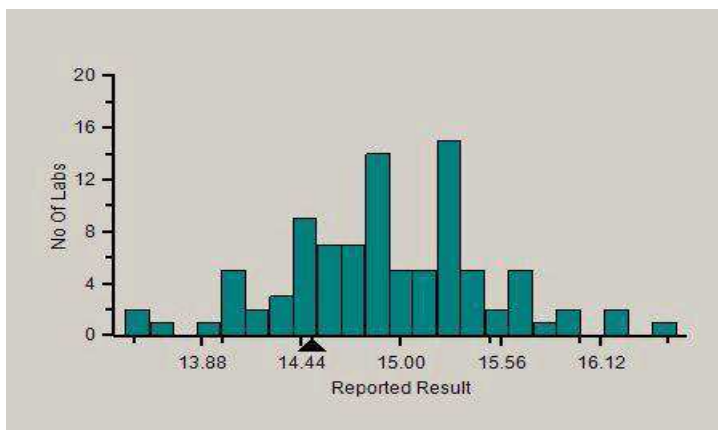
Frequency Histogram



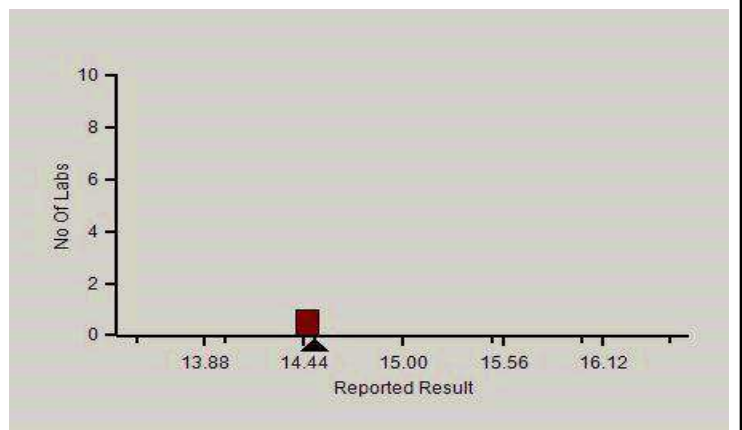
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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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	220	15.00	0.56	3.70	2
Your Analyzer :	Mindray BC-2800	1	--	--	--	--
	Beckman Coulter DxH 500	43	15.20	0.52	3.42	--
	Avantor H 33-S	31	14.69	0.68	4.60	--
	Sysmex XP-100	26	15.00	0.34	2.25	--
	Horiba ABX Pentra XL 80	21	15.46	0.46	2.95	1
	Beckman Coulter DxH 800	19	15.00	0.25	1.66	--
	Beckman Coulter DxH 520	14	15.15	0.38	2.53	--
	Aspen AD-3200 Plus	8	14.48	0.59	4.09	--
	Nihon Kohden Celltac Alpha	8	14.67	0.71	4.81	--

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	171	50.69	3.65	7.19	9
Impedance - (Your Method)	78	50.69	4.10	8.09	3
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

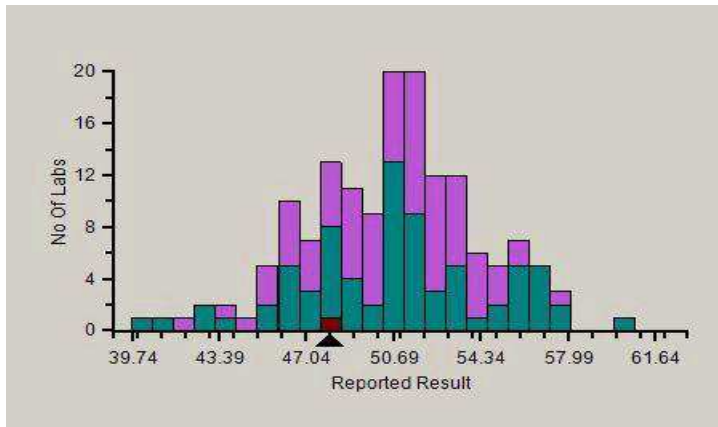
Evaluation Based On - Equipment wise Peer Grouping

Your Result	48.00	SDI / z-Score	-0.65
Assigned Value	50.88	Average SDI	-0.89
SDPA	4.412	Uncertainty of AV	1.20
Standard Unit Result Val	48.00	%DEV	-5.30

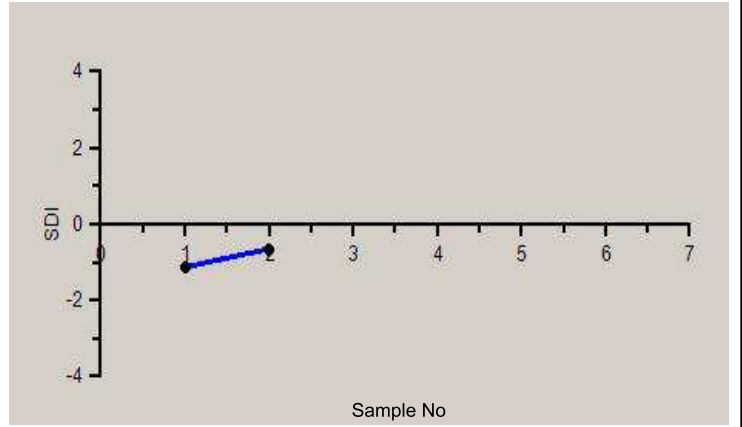
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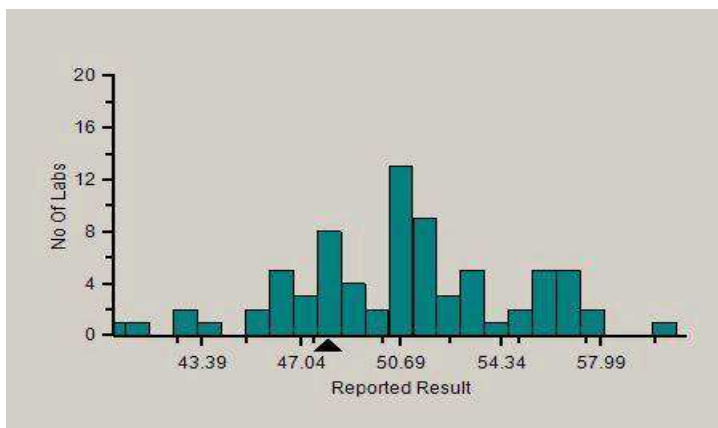
Frequency Histogram



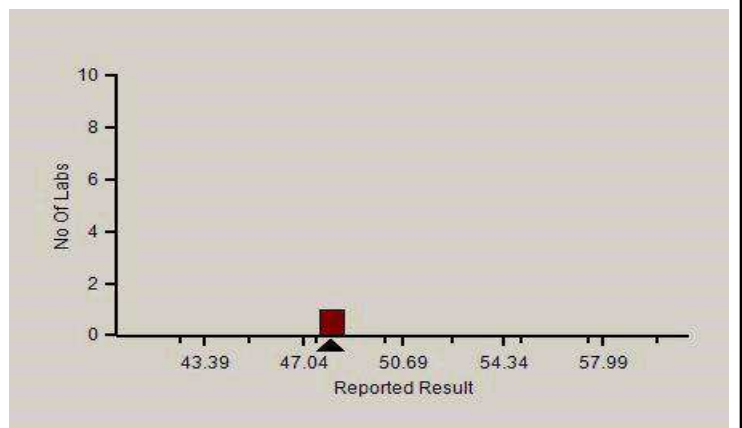
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Cycle No : 220104

Sample No : 2

Sample Date : 26-04-2022

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	171	50.69	3.65	7.19	9
Your Analyzer :	Mindray BC-2800	1	--	--	--	--
	Beckman Coulter DxH 500	27	49.69	2.43	4.90	1
	Avantor H 33-S	25	52.43	3.98	7.60	1
	Sysmex XP-100	20	52.20	2.14	4.10	4
	Horiba ABX Pentra XL 80	19	47.50	3.07	6.45	1
	Beckman Coulter DxH 800	14	53.14	2.11	3.98	--
	Beckman Coulter DxH 520	12	49.43	1.78	3.61	1
	Nihon Kohden Celltac Alpha	8	51.29	3.98	7.76	--
	Horiba Yumizen H500	7	46.14	1.50	3.25	--

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 : 26-04-2022

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

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	217	26.64	1.09	4.08	4
Impedance - (Your Method)	82	26.33	1.18	4.47	1
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

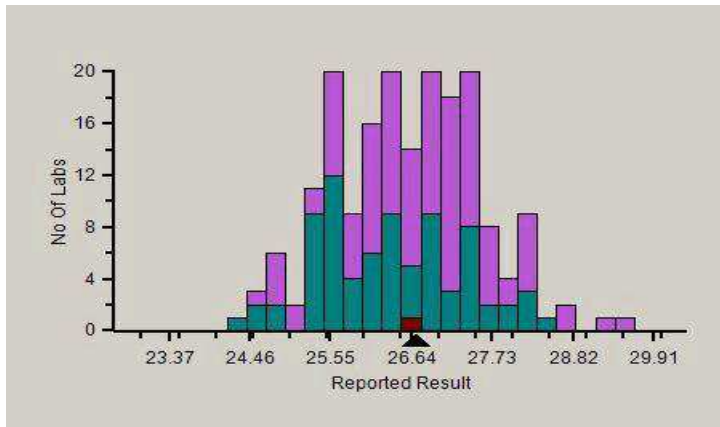
Evaluation Based On - Equipment wise Peer Grouping

Your Result	26.70	SDI / z' Score	0.68
Assigned Value	25.41	Average SDI	0.54
SDPA	1.900	Uncertainty of AV	0.17
Standard Unit Result Val	26.70	%DEV	1.39

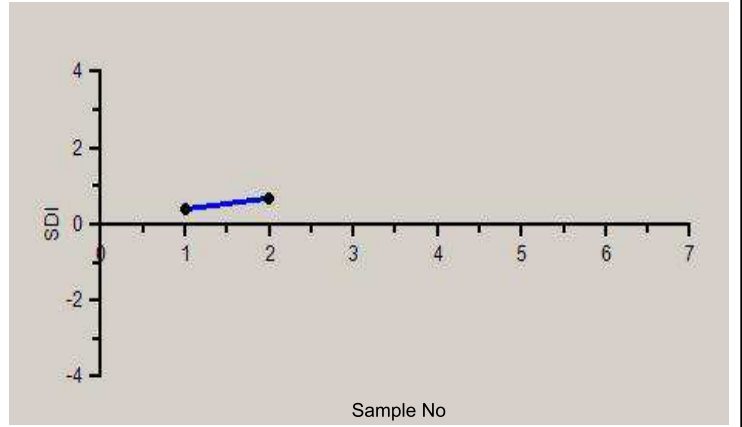
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

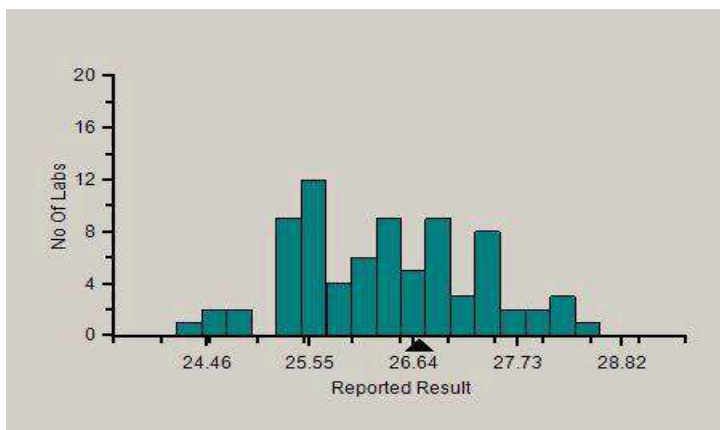
Frequency Histogram



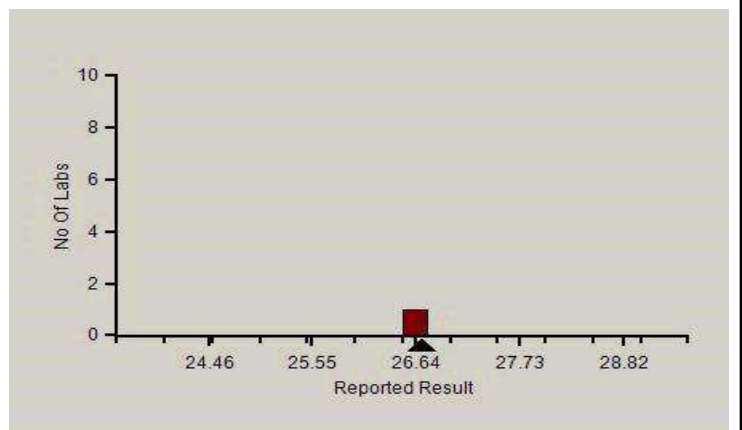
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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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	217	26.64	1.09	4.08	4
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	43	27.23	1.02	3.75	1
Avantor H 33-S	30	25.97	1.11	4.28	--
Sysmex XP-100	24	26.79	0.90	3.34	--
Horiba ABX Pentra XL 80	22	27.01	0.75	2.79	1
Beckman Coulter DxH 800	19	26.52	0.43	1.60	--
Beckman Coulter DxH 520	14	27.31	0.85	3.12	--
Aspen AD-3200 Plus	8	25.54	2.24	8.77	--
Nihon Kohden Celltac Alpha	8	25.54	0.83	3.27	1

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, MCHC (Mean Corpuscular Hb Concentration), g/dL

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	217	29.70	2.41	8.13	3
Impedance - (Your Method)	83	29.45	2.84	9.64	1
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

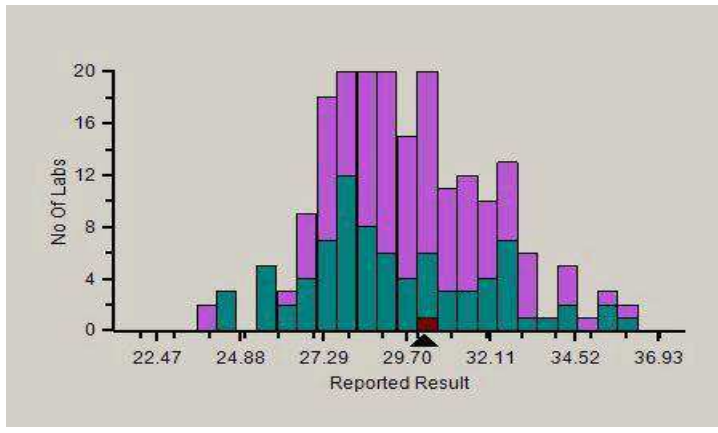
Evaluation Based On - Equipment wise Peer Grouping

Your Result	30.20	SDI / z-Score	0.48
Assigned Value	28.94	Average SDI	0.60
SDPA	2.658	Uncertainty of AV	0.64
Standard Unit Result Val	30.20	%DEV	2.55

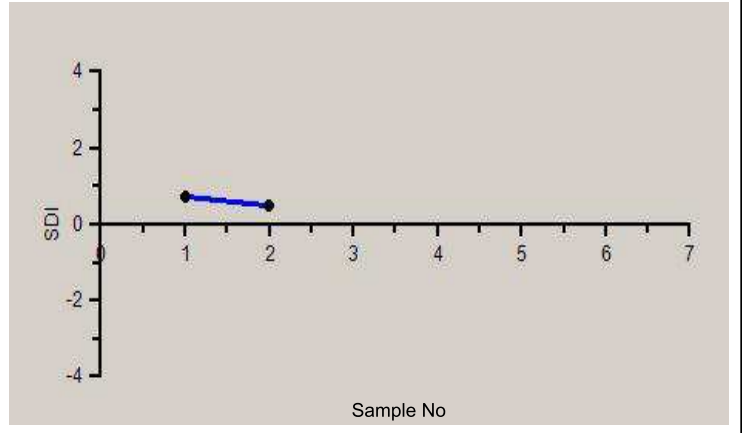
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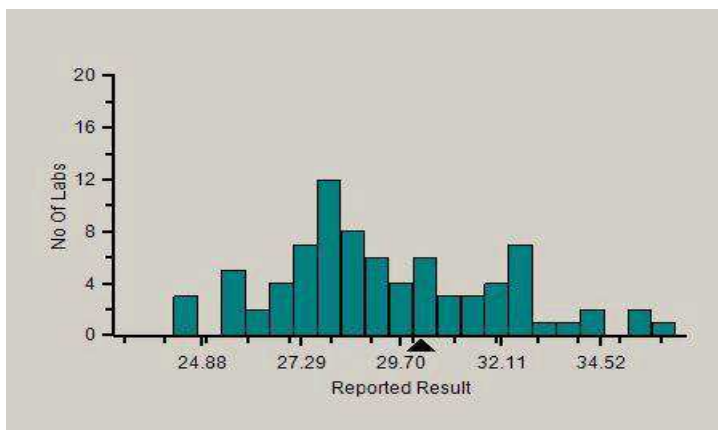
Frequency Histogram



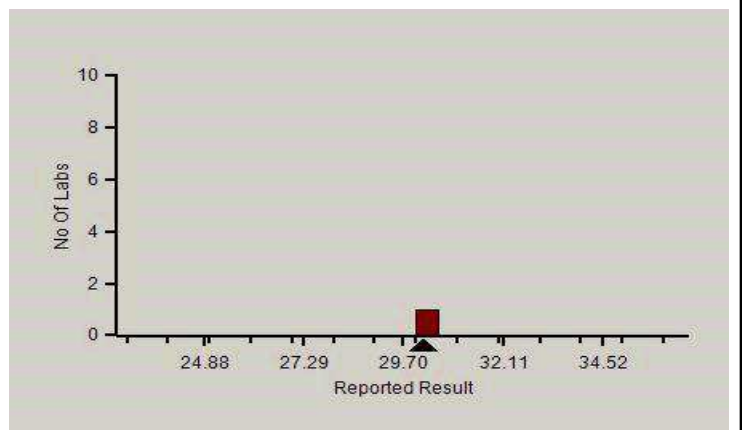
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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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	217	29.70	2.41	8.13	3
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	43	30.62	1.40	4.59	1
Avantor H 33-S	30	27.65	1.83	6.61	1
Sysmex XP-100	24	29.63	2.44	8.22	--
Horiba ABX Pentra XL 80	22	32.14	2.64	8.20	--
Beckman Coulter DxH 800	19	28.25	1.16	4.12	--
Beckman Coulter DxH 520	14	30.78	0.83	2.71	1
Aspen AD-3200 Plus	8	28.56	2.07	7.25	--
Nihon Kohden Celltac Alpha	8	28.76	2.24	7.78	--

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

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	218	90.29	5.78	6.40	3
Impedance - (Your Method)	140	90.08	5.97	6.63	2
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

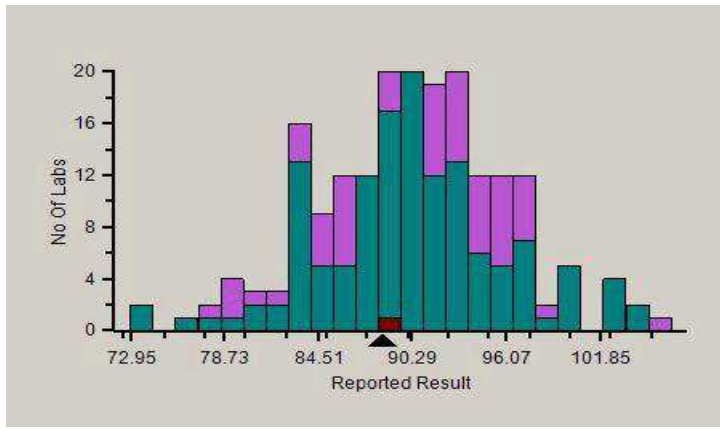
Evaluation Based On - Equipment wise Peer Grouping

Your Result	88.50	SDI / z-Score	-0.24
Assigned Value	90.39	Average SDI	-0.29
SDPA	7.764	Uncertainty of AV	1.83
Standard Unit Result Val	88.50	%DEV	-1.76

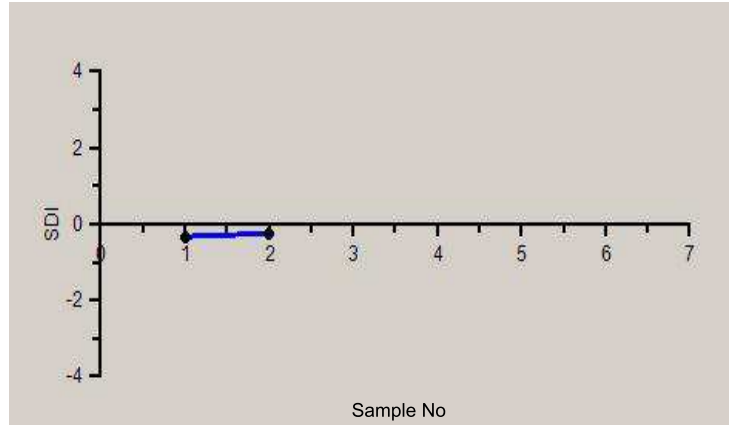
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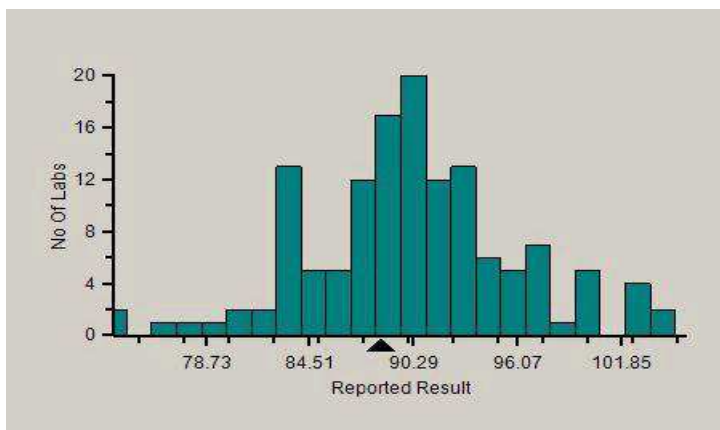
Frequency Histogram



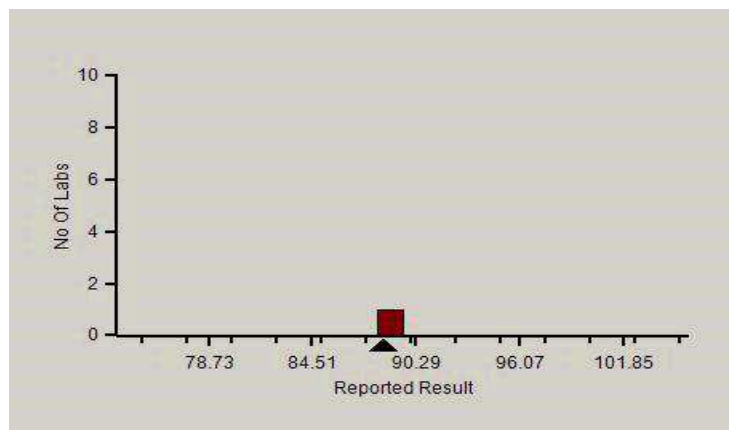
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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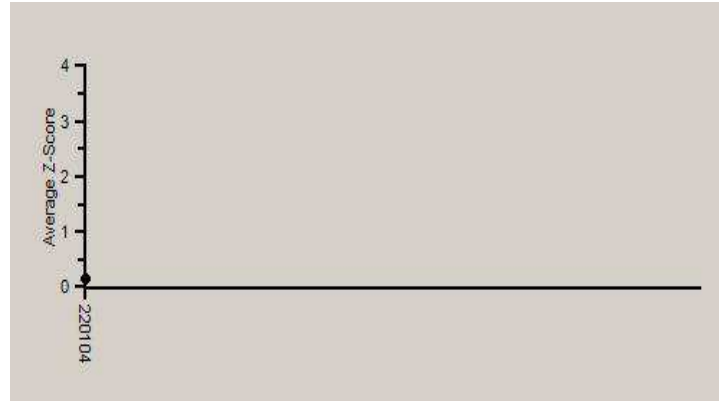
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Absolute Z-Score Average - Across Rounds



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

Comments :

Haematology - CBC, MCV (Mean Corpuscular Volume)

	N	Mean	SD	CV%	Excluded
All Analyzer	218	90.29	5.78	6.40	3
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	43	89.19	3.52	3.95	2
Avantor H 33-S	29	93.81	4.71	5.02	1
Sysmex XP-100	25	90.89	5.05	5.56	--
Horiba ABX Pentra XL 80	22	84.93	5.49	6.46	--
Beckman Coulter DxH 800	19	94.01	3.25	3.45	--
Beckman Coulter DxH 520	14	87.10	4.67	5.36	--
Aspen AD-3200 Plus	8	89.51	7.39	8.26	--
Nihon Kohden Celltac Alpha	8	92.34	7.93	8.58	--

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Haematology - CBC, Platelet Count, 1000/ μ L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	219	342.04	42.30	12.37	32
Impedance - (Your Method)	209	342.41	42.33	12.36	32
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

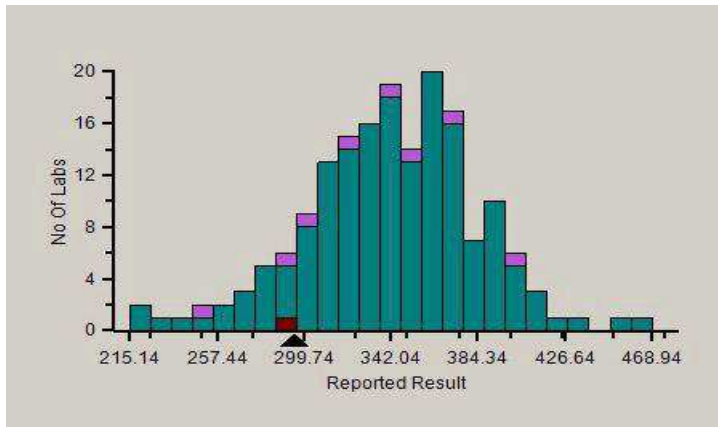
Evaluation Based On - Equipment wise Peer Grouping

Your Result	295.00	SDI / z' Score	-0.87
Assigned Value	334.54	Average SDI	-1.10
SDPA	45.200	Uncertainty of AV	9.42
Standard Unit Result Val	295.00	%DEV	-13.85

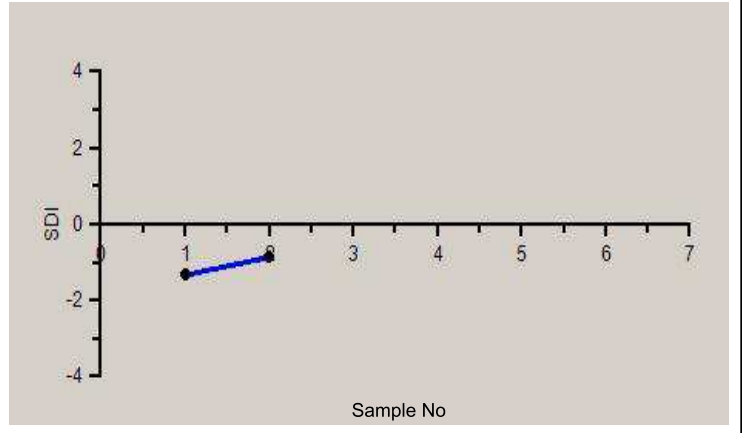
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X : SDI more than 4

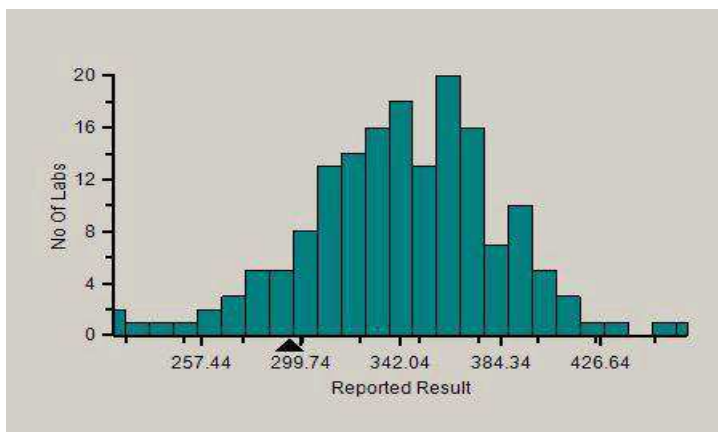
Frequency Histogram



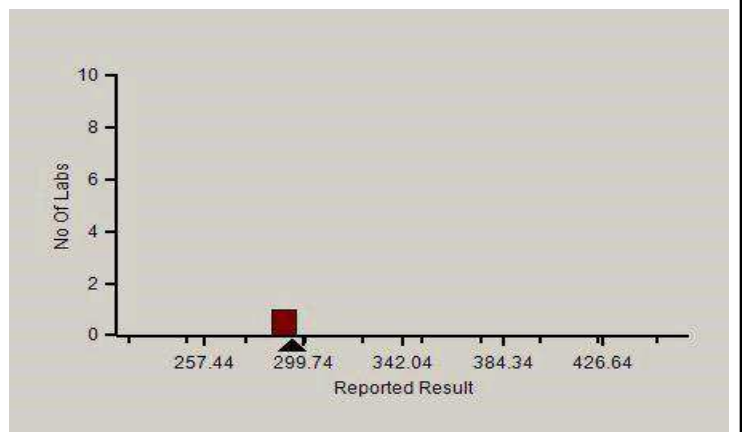
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 650

Lab Name : DR.KAUSHIK PATH LABS

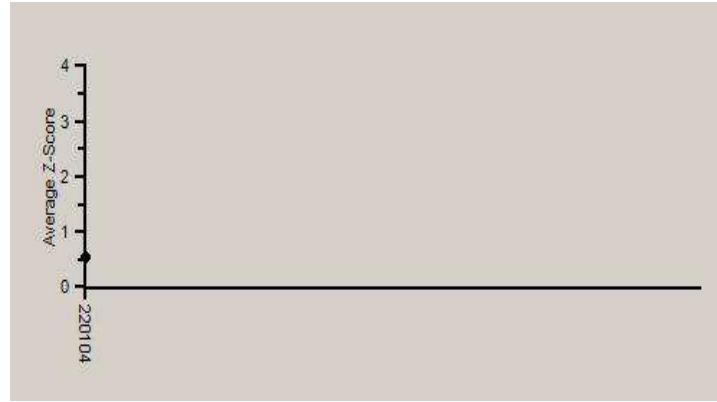
Report Date : 23/05/2022

Cycle No : 220104

Sample No : 2

Sample Date : 26-04-2022

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	219	342.04	42.30	12.37	32
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	43	335.76	44.56	13.27	3
Avantor H 33-S	29	340.04	38.84	11.42	3
Sysmex XP-100	26	366.00	22.16	6.06	6
Horiba ABX Pentra XL 80	22	322.45	34.33	10.65	2
Beckman Coulter DxH 800	19	345.00	41.04	11.90	2
Beckman Coulter DxH 520	14	358.10	33.74	9.42	1
Aspen AD-3200 Plus	8	379.80	48.14	12.68	3
Nihon Kohden Celltac Alpha	8	319.44	65.39	20.47	3

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:

- 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
- 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



Analyte Methodwise Result Report

Lab : 650

Cycle No : 220104

Lab Name : DR.KAUSHIK PATH LABS

Sample No : 2

Report Date : 23/05/2022

Sample Date : 26-04-2022

Haematology - CBC, RDW CV%, %

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	177	16.77	1.99	11.84	2
Calculated - (Your Method)	177	16.77	1.99	11.84	2
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

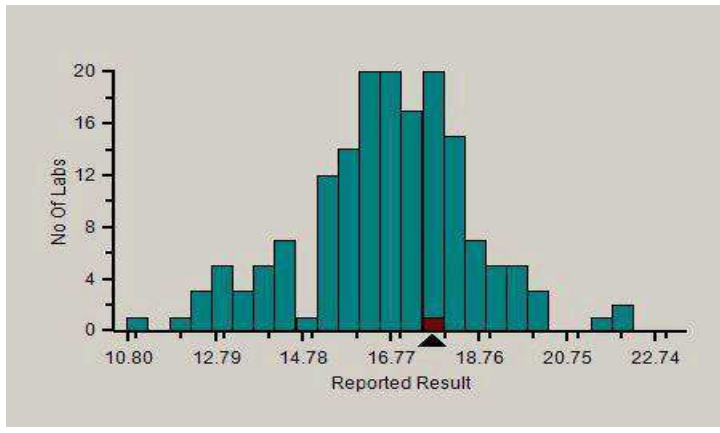
Evaluation Based On - Equipment wise Peer Grouping

Your Result	17.70	SDI / z' Score	0.23
Assigned Value	17.21	Average SDI	0.27
SDPA	2.100	Uncertainty of AV	0.53
Standard Unit Result Val	17.70	%DEV	5.54

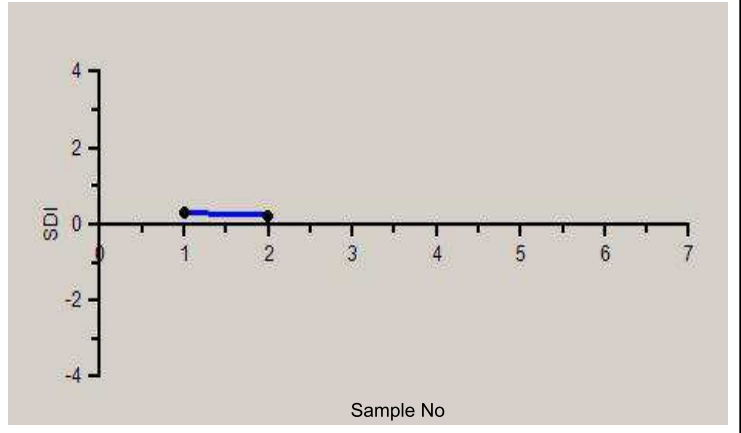
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

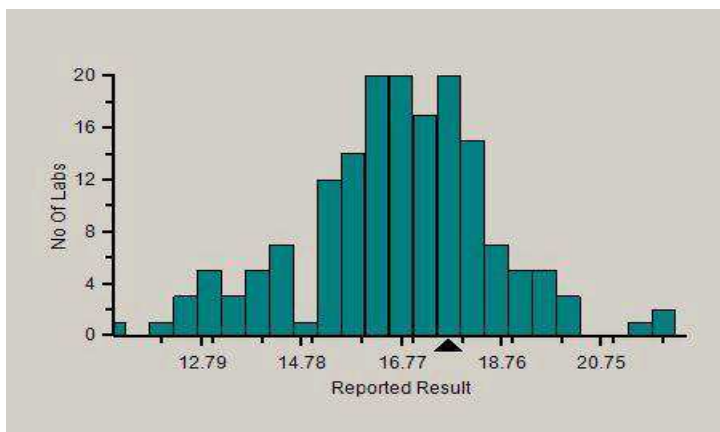
Frequency Histogram



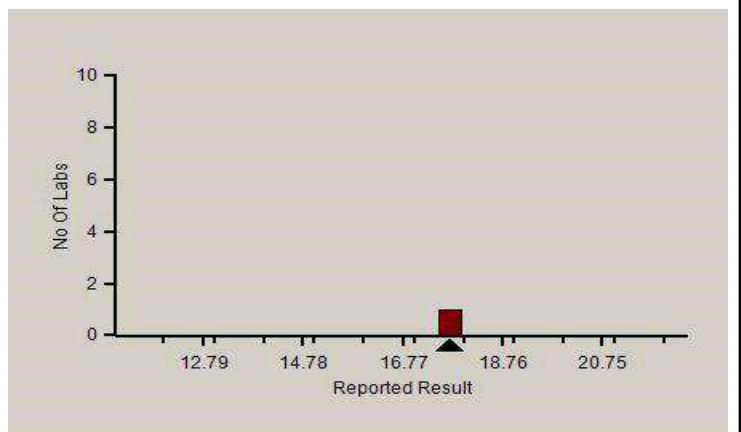
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 650

Cycle No : 220104

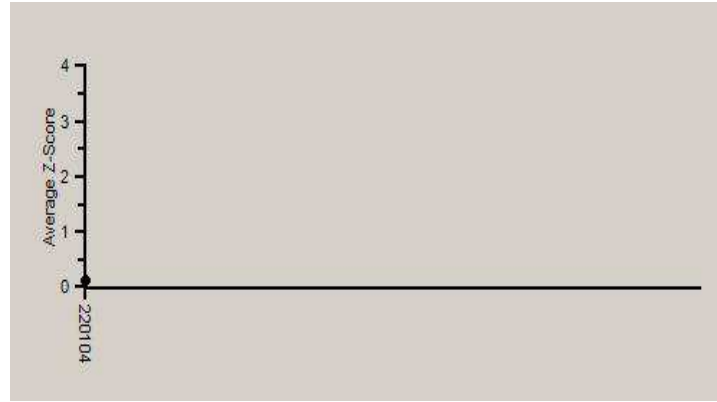
Lab Name : DR.KAUSHIK PATH LABS

Sample No : 2

Report Date : 23/05/2022

Sample Date : 26-04-2022

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	177	16.77	1.99	11.84	2
Your Analyzer :	Mindray BC-2800	1	--	--	--	--
	Avantor H 33-S	29	17.00	0.94	5.52	--
	Beckman Coulter DxH 500	27	16.81	1.26	7.51	--
	Horiba ABX Pentra XL 80	21	14.16	1.49	10.53	--
	Sysmex XP-100	19	16.54	1.73	10.48	--
	Beckman Coulter DxH 800	15	18.43	0.52	2.82	--
	Beckman Coulter DxH 520	12	16.69	0.63	3.79	2
	Nihon Kohden Celltac Alpha	8	15.54	1.51	9.73	--
	Aspen AD-3200 Plus	7	20.41	1.98	9.69	--

Remarks: Interpretation of your reports

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

Analyte Methodwise Result Report

Lab : 650

Cycle No : 220104

Lab Name : DR.KAUSHIK PATH LABS

Sample No : 2

Report Date : 23/05/2022

Sample Date : 26-04-2022

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

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	217	5,456.13	1,578.68	28.93	72
Impedance - (Your Method)	203	5,389.17	1,590.11	29.51	69
Mindray BC-2800 - (Your Analyzer)	1	--	--	--	--

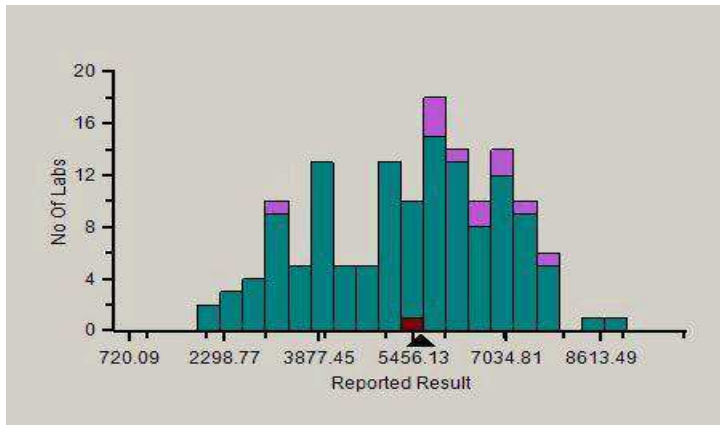
Evaluation Based On - Equipment wise Peer Grouping

Your Result	5,600.00	SDI / z' Score	-0.75
Assigned Value	6,596.00	Average SDI	-0.89
SDPA	1335.000	Uncertainty of AV	346.35
Standard Unit Result Val	5600.00	%DEV	3.91

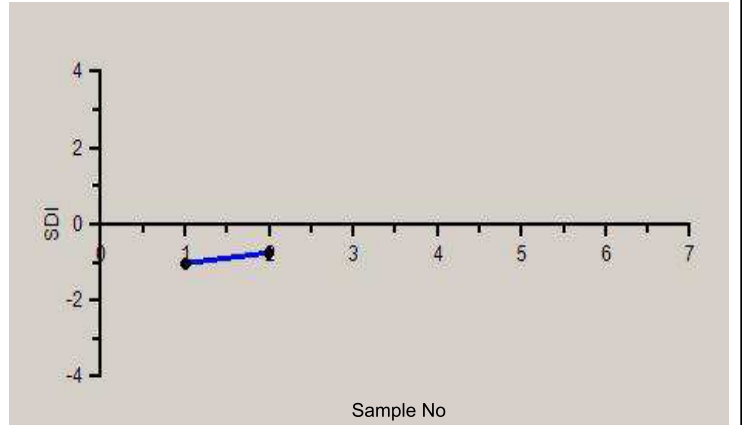
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

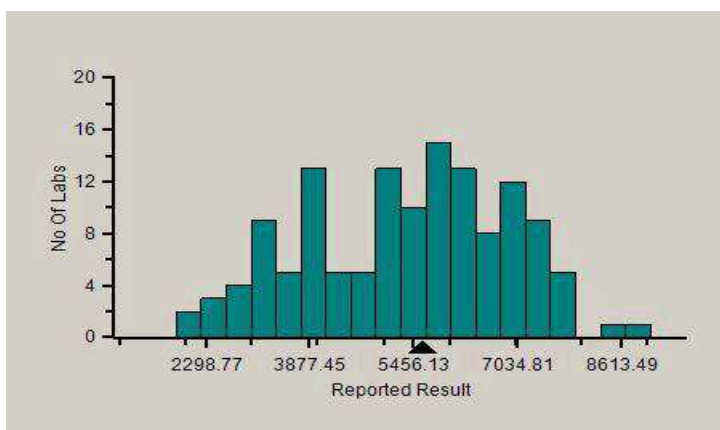
Frequency Histogram



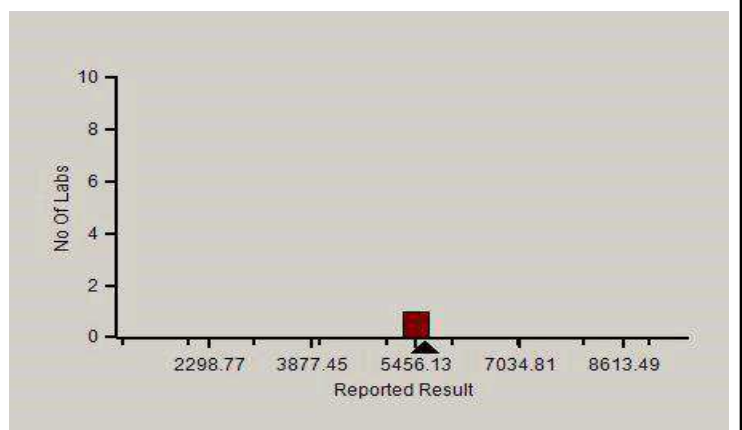
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 650

Lab Name : DR.KAUSHIK PATH LABS

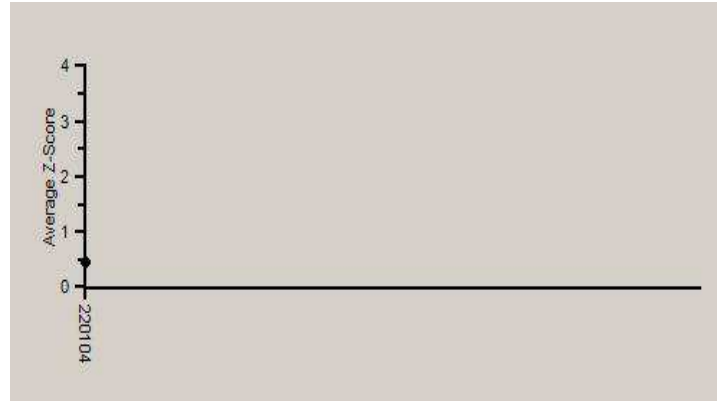
Report Date : 23/05/2022

Cycle No : 220104

Sample No : 2

Sample Date : 26-04-2022

Absolute Z-Score Average - Across Rounds



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

Comments :

Haematology - CBC, Total Leucocytes (WBC) count

	N	Mean	SD	CV%	Excluded
All Analyzer	217	5,456.13	1,578.68	28.93	72
Your Analyzer : Mindray BC-2800	1	--	--	--	--
Beckman Coulter DxH 500	41	3,808.18	975.57	25.62	8
Avantor H 33-S	29	6,662.14	677.03	10.16	15
Sysmex XP-100	26	6,519.48	811.55	12.45	5
Horiba ABX Pentra XL 80	22	5,408.33	694.73	12.85	10
Beckman Coulter DxH 800	19	5,425.00	816.91	15.06	3
Beckman Coulter DxH 520	14	3,383.33	635.66	18.79	8
Nihon Kohden Celltac Alpha	8	6,388.00	1,690.64	26.47	3
Aspen AD-3200 Plus	7	7,320.00	2,397.29	32.75	2

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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