

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Albumin, g/dL

Comparative Statistics

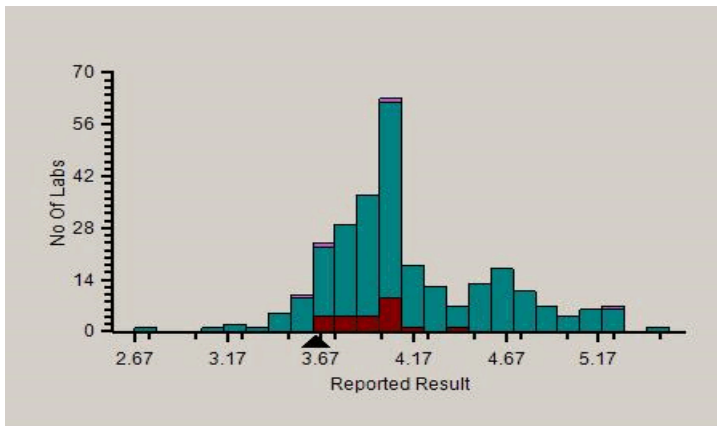
	N	Mean	SD	CV%	Excluded
All Methods	285	4.17	0.50	11.99	7
Bromcresol Green (BCG) - (Your Method)	281	4.17	0.50	11.92	7
Erba EM 200 - (Your Analyzer)	23	3.94	0.18	4.67	--

Your Result	3.65	SDI / z-Score	-1.03
Assigned Value	3.88	Average SDI	-0.64
SDPA	0.220	Uncertainty of AV	0.03
Standard Unit Result Val	3.65	%DEV	-7.43

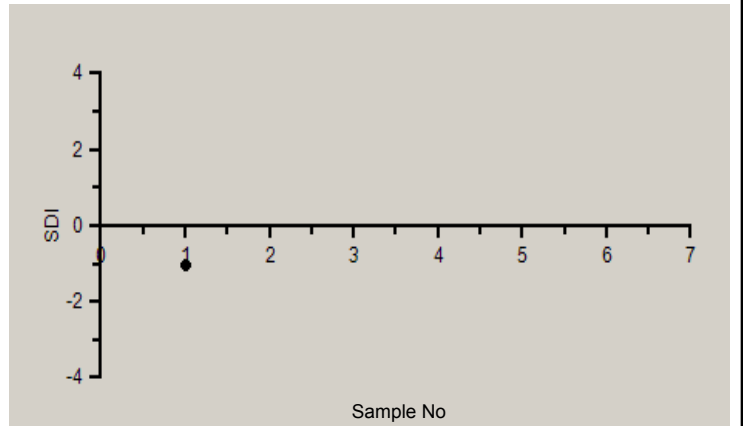
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

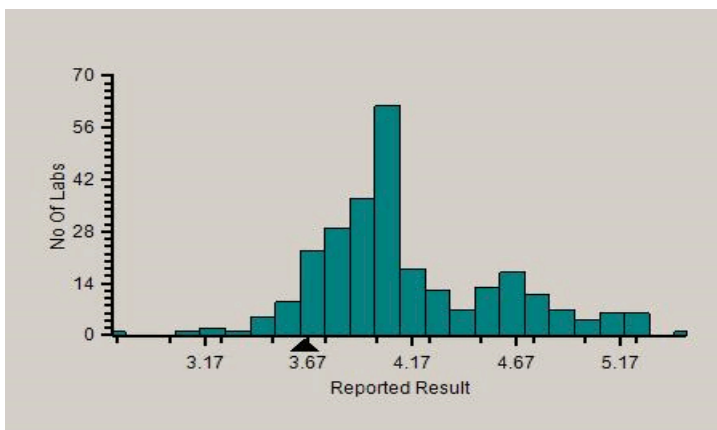
Frequency Histogram



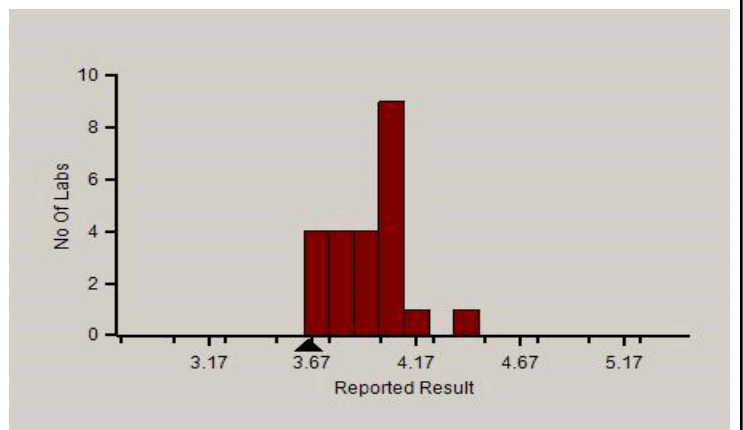
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

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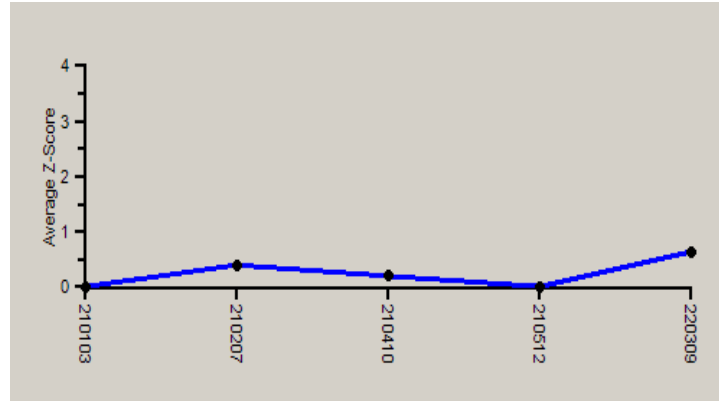
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Albumin

		N	Mean	SD	CV%	Excluded
	All Analyzer	285	4.17	0.50	11.99	7
Your Analyzer :	Erba EM 200	23	3.94	0.18	4.67	--
	Fuji Dri-Chem NX500/i	38	4.88	0.40	8.21	2
	Roche cobas c 311	29	3.94	0.15	3.88	--
	Roche cobas c 111	21	4.09	0.18	4.45	--
	Biosystems A15	16	3.85	0.38	9.75	2
	Fuji Dri-Chem NX600	16	4.56	0.20	4.36	1
	Fuji Dri-Chem 4000i	15	4.91	0.40	8.13	--
	Roche cobas INTEGRA	13	3.99	0.18	4.48	--

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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Sample Date : 30-09-2022

Biochemistry, ALP, U/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	283	56.84	13.54	23.82	2
IFCC - (Your Method)	36	52.84	11.27	21.33	1
Erba EM 200 - (Your Analyzer)	20	57.16	9.40	16.45	1

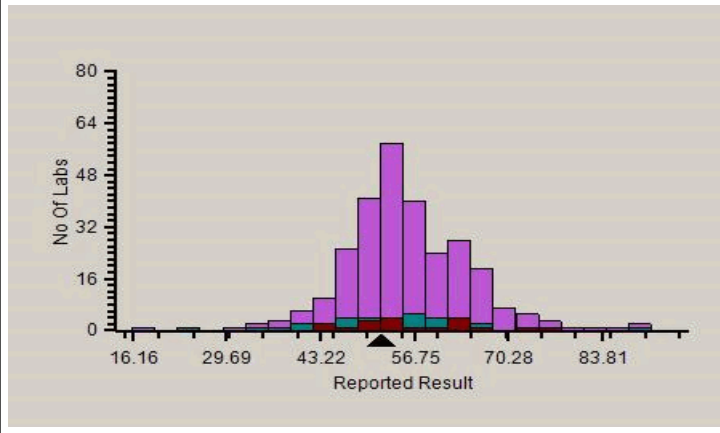
Evaluation Based On - Method wise Peer Grouping

Your Result	52.00	SDI / z-Score	-0.26
Assigned Value	55.29	Average SDI	-0.57
SDPA	12.700	Uncertainty of AV	0.58
Standard Unit Result Val	52.00	%DEV	-9.02

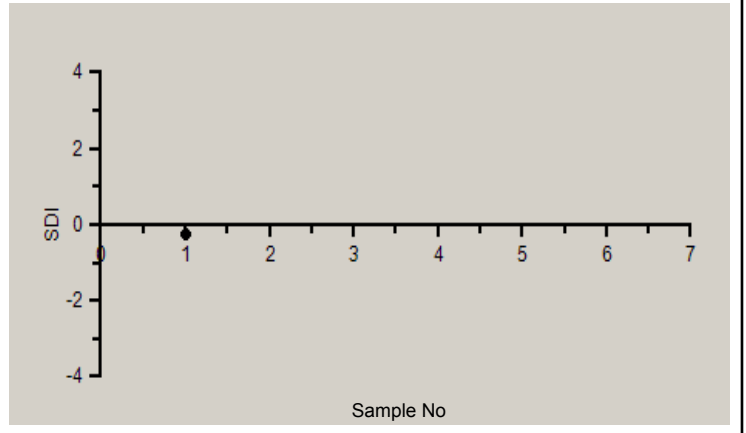
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X : SDI more than 4

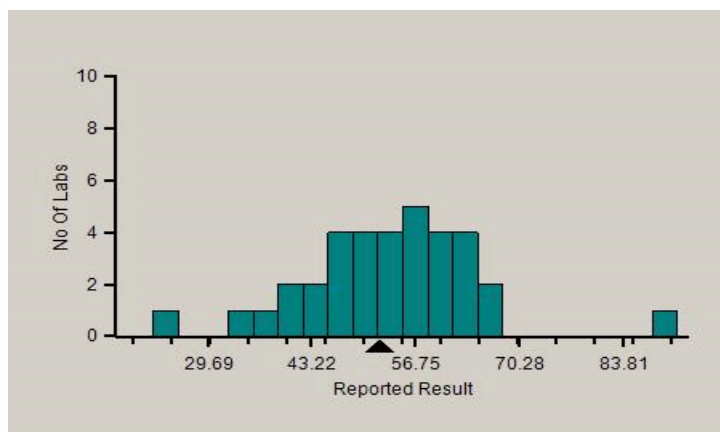
Frequency Histogram



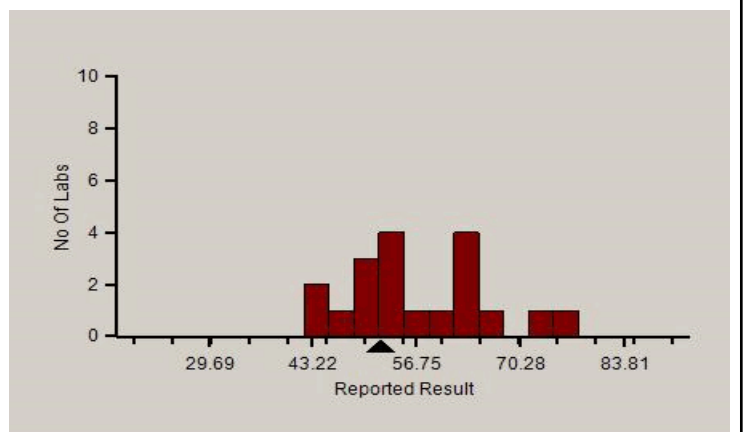
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

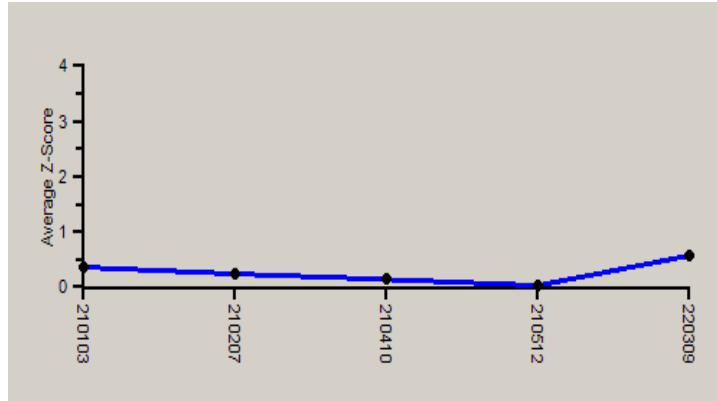
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	283	56.84	13.54	23.82	2
Your Analyzer :	Erba EM 200	20	57.16	9.40	16.45	1
	Fuji Dri-Chem NX500/i	40	60.21	8.72	14.48	1
	Roche cobas c 311	29	54.76	5.08	9.27	--
	Roche cobas c 111	21	53.71	6.60	12.28	--
	Biosystems A15	15	53.22	14.55	27.35	--
	Fuji Dri-Chem 4000i	15	55.07	5.61	10.19	--
	Fuji Dri-Chem NX600	15	52.13	5.04	9.67	--
	Roche cobas INTEGRA	13	56.90	4.65	8.17	--

Remarks: Interpretation of your reports

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

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, ALT, U/L

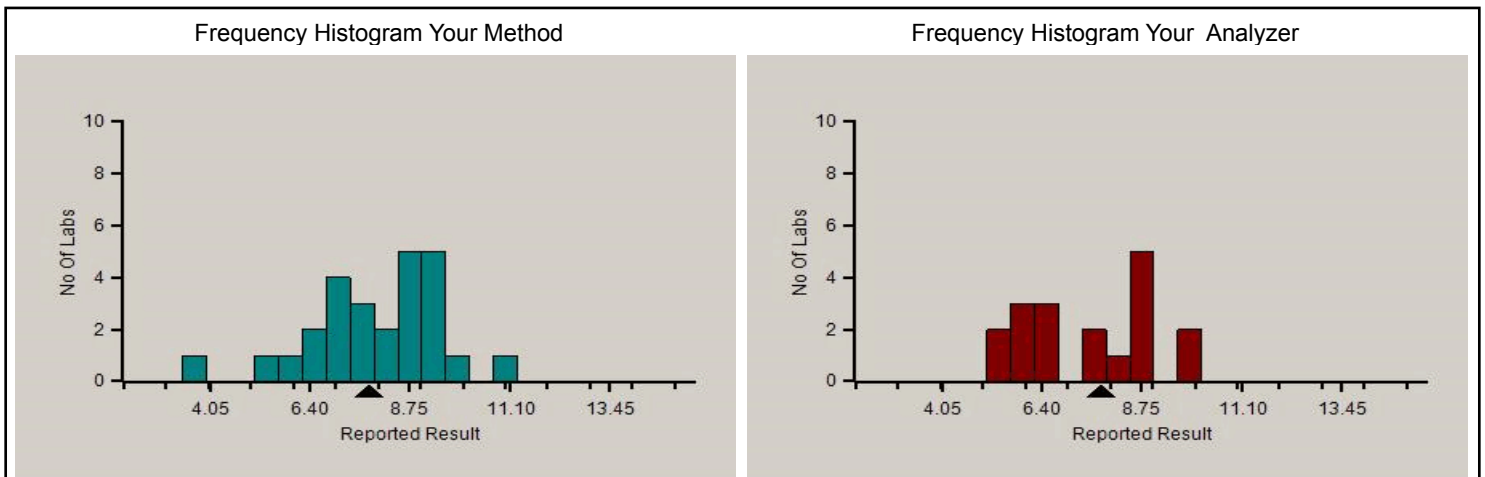
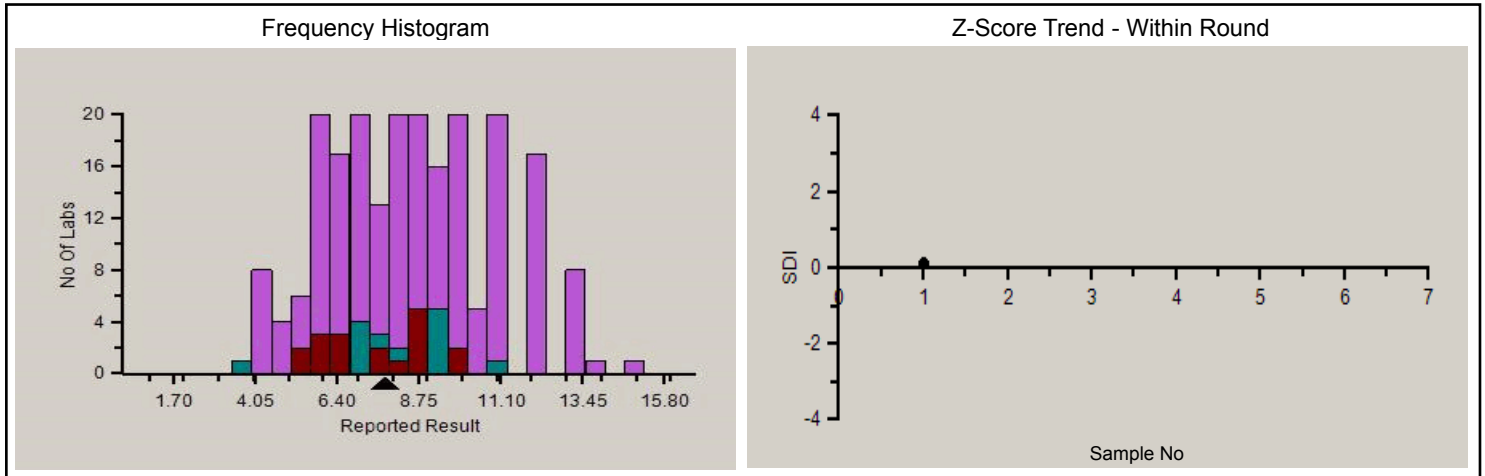
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	286	8.74	2.36	26.97	18
IFCC - UV without P5P - (Your Method)	28	7.93	1.61	20.30	2
Erba EM 200 - (Your Analyzer)	22	7.56	1.54	20.33	4

Your Result	7.80	SDI / z-Score	0.10
Assigned Value	7.63	Average SDI	0.18
SDPA	1.684	Uncertainty of AV	0.36
Standard Unit Result Val	7.80	%DEV	3.23

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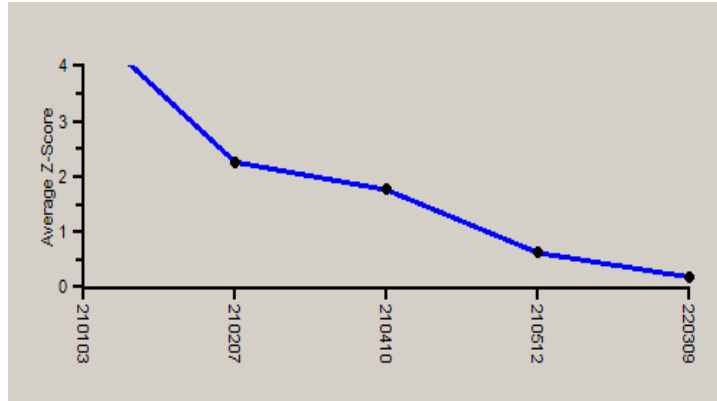
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
All Analyzer		286	8.74	2.36	26.97	18
Your Analyzer :	Erba EM 200	22	7.56	1.54	20.33	4
	Fuji Dri-Chem NX500/i	37	10.95	1.25	11.38	--
	Roche cobas c 311	29	7.54	1.36	18.08	--
	Roche cobas c 111	22	6.99	1.13	16.23	--
	Biosystems A15	16	10.38	2.61	25.16	2
	Fuji Dri-Chem NX600	16	10.13	1.03	10.12	--
	Fuji Dri-Chem 4000i	15	10.60	0.99	9.30	--
	Roche cobas INTEGRA	13	5.80	0.75	12.93	--

Remarks: Interpretation of your reports

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

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, AST, U/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	282	16.76	3.89	23.21	6
IFCC - UV without P5P - (Your Method)	31	15.23	3.17	20.78	1
Erba EM 200 - (Your Analyzer)	22	15.02	3.16	21.06	--

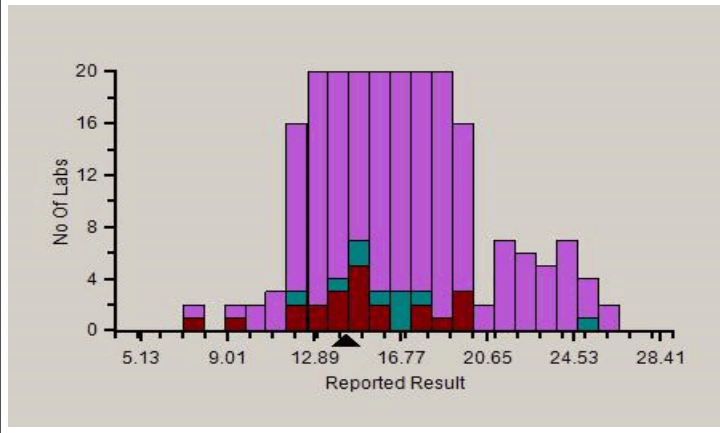
Evaluation Based On - Equipment wise Peer Grouping

Your Result	14.30	SDI / z-Score	-0.63
Assigned Value	16.31	Average SDI	-0.30
SDPA	3.170	Uncertainty of AV	0.62
Standard Unit Result Val	14.30	%DEV	-4.80

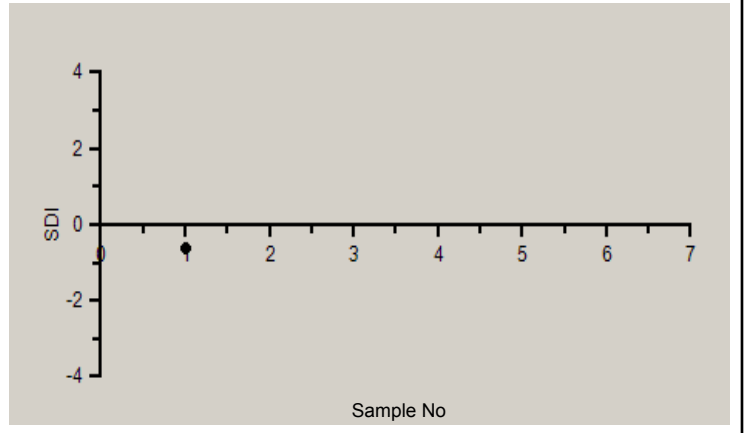
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

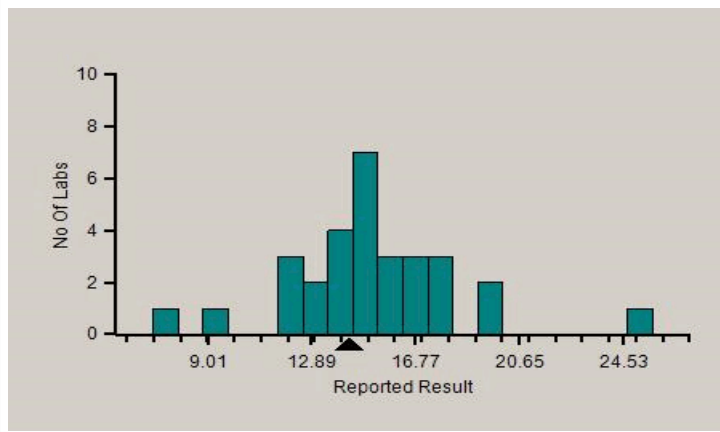
Frequency Histogram



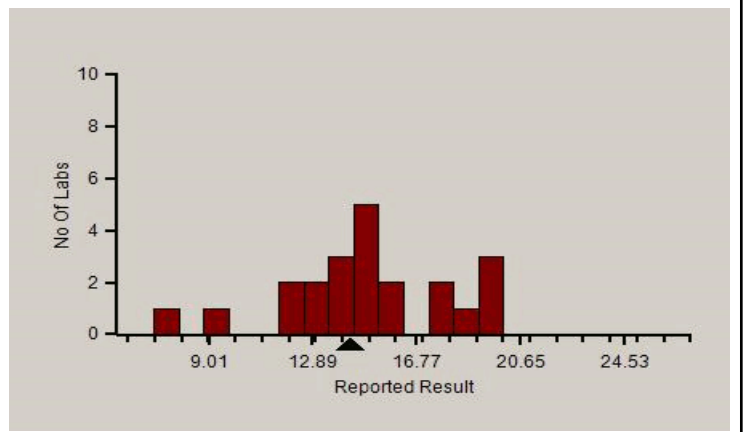
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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Cycle No : 220309

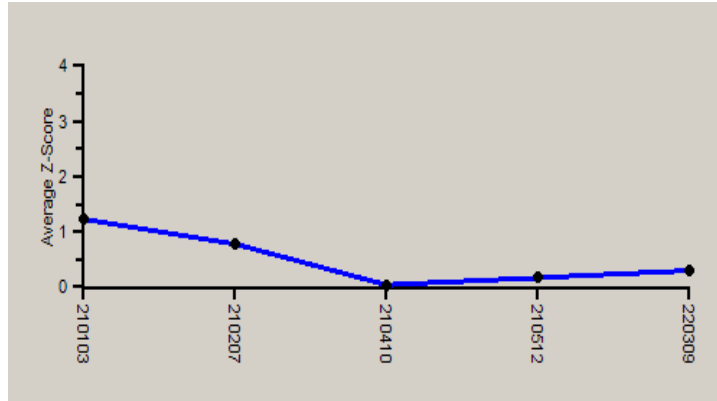
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	282	16.76	3.89	23.21	6
Your Analyzer :	Erba EM 200	22	15.02	3.16	21.06	--
	Fuji Dri-Chem NX500/i	37	18.89	0.99	5.26	--
	Roche cobas c 311	28	14.12	1.74	12.29	--
	Roche cobas c 111	22	14.72	1.30	8.82	--
	Biosystems A15	16	18.00	5.14	28.54	--
	Fuji Dri-Chem 4000i	15	18.40	1.35	7.35	--
	Fuji Dri-Chem NX600	15	18.67	1.18	6.30	--
	Roche cobas INTEGRA	13	12.72	0.69	5.44	--

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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 - Two out of three pass - Review for random error & take action if appropriate
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Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Bilirubin Direct, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	273	0.21	0.25	117.23	27
Modified method of Pearlman & Lee - (Your Method)	17	0.07	0.05	77.61	6
Erba EM 200 - (Your Analyzer)	19	0.08	0.05	68.42	3

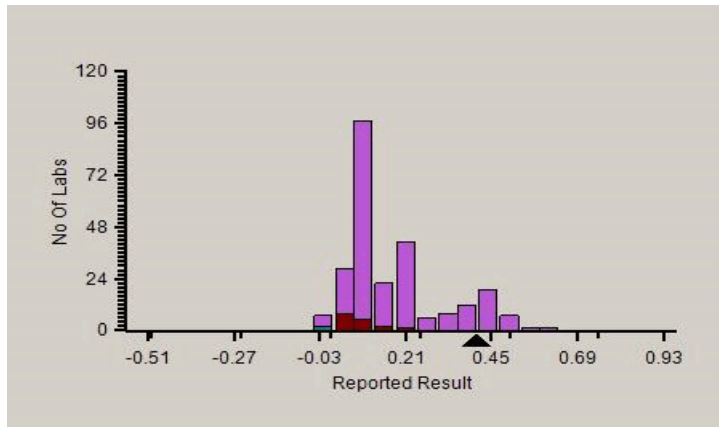
Evaluation Based On - Equipment wise Peer Grouping

Your Result	0.41	SDI / z-Score	9.71
Assigned Value	0.08	Average SDI	5.09
SDPA	0.034	Uncertainty of AV	0.01
Standard Unit Result Val	0.41	%DEV	439.47

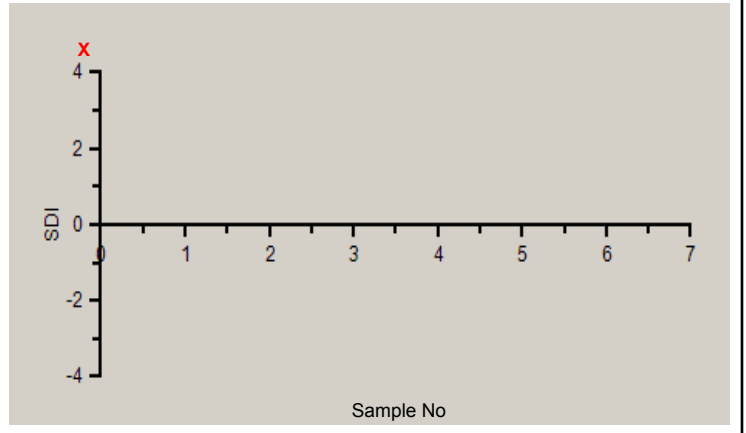
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

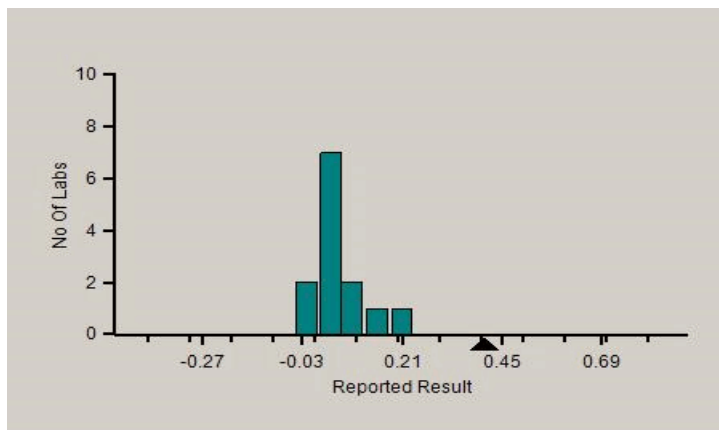
Frequency Histogram



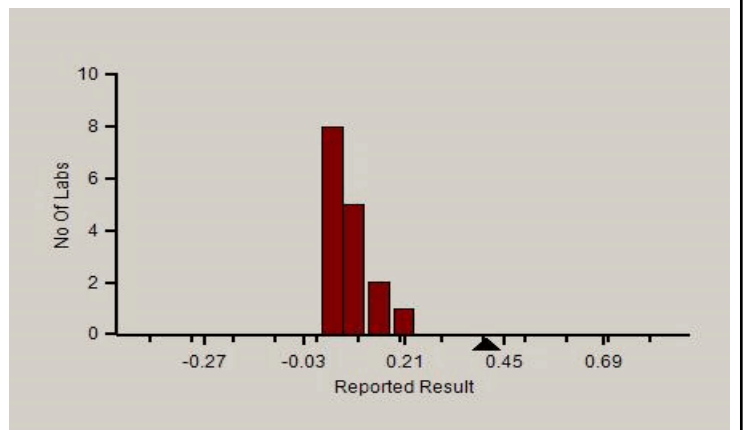
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

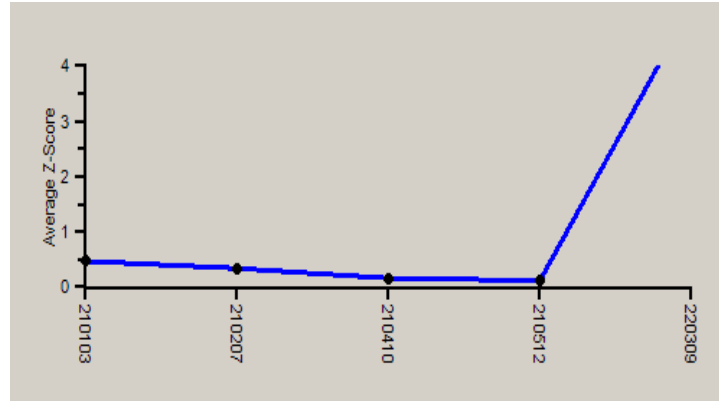
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Bilirubin Direct		N	Mean	SD	CV%	Excluded
	All Analyzer	273	0.22	0.25	113.95	27
Your Analyzer :	Erba EM 200	19	0.08	0.05	68.42	3
	Fuji Dri-Chem NX500/i	39	0.10	0.03	30.00	2
	Roche cobas c 311	27	0.38	0.08	20.47	--
	Roche cobas c 111	22	0.21	0.08	38.46	--
	Biosystems A15	16	1.15	0.56	48.35	7
	Fuji Dri-Chem 4000i	15	0.10	0.00	0.00	--
	Fuji Dri-Chem NX600	15	0.10	0.00	0.00	--
	Roche cobas INTEGRA	13	0.20	0.03	14.36	--

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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CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Calcium, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	230	8.29	0.59	7.07	8
Arsenazo III - (Your Method)	82	8.54	0.70	8.15	3
Erba EM 200 - (Your Analyzer)	15	8.72	0.82	9.35	--

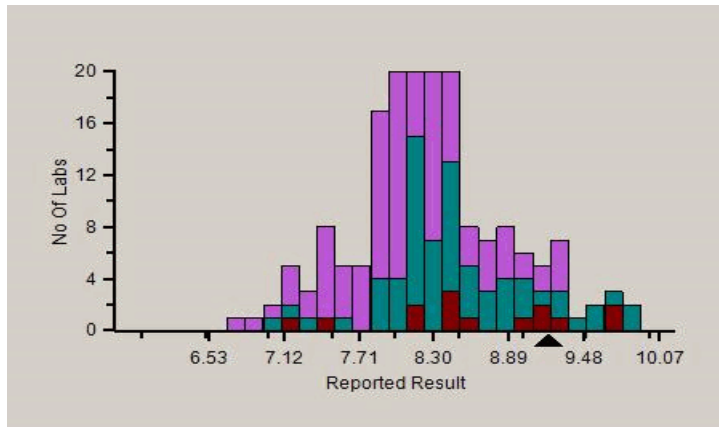
Evaluation Based On - Equipment wise Peer Grouping

Your Result	9.20	SDI / z-Score	1.01
Assigned Value	8.61	Average SDI	0.85
SDPA	0.587	Uncertainty of AV	0.16
Standard Unit Result Val	9.20	%DEV	5.53

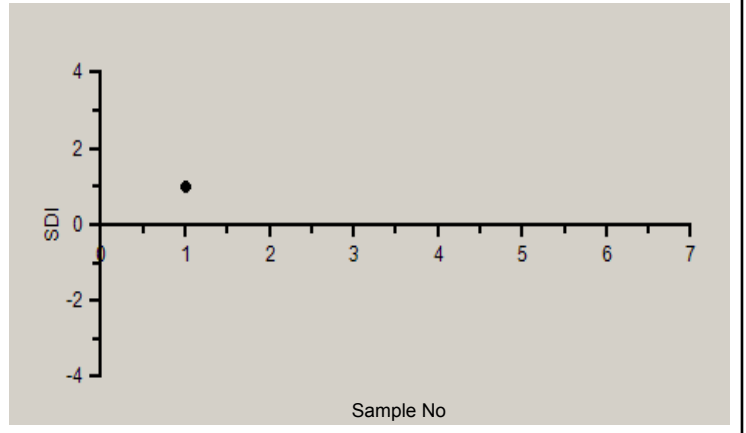
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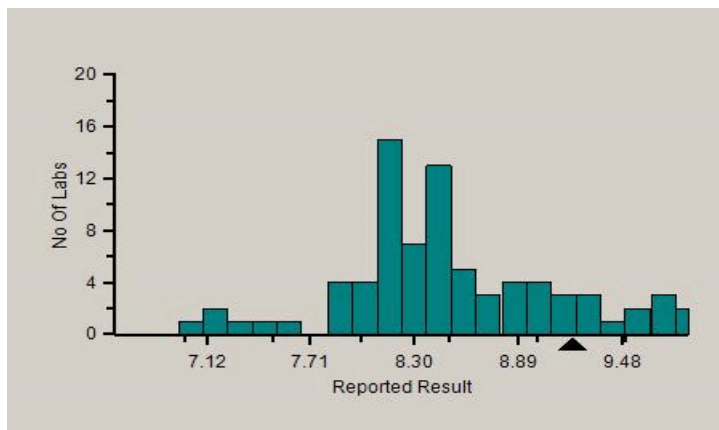
Frequency Histogram



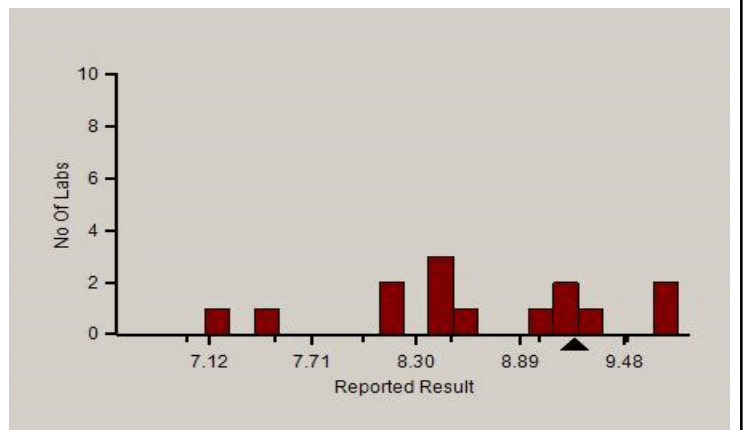
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

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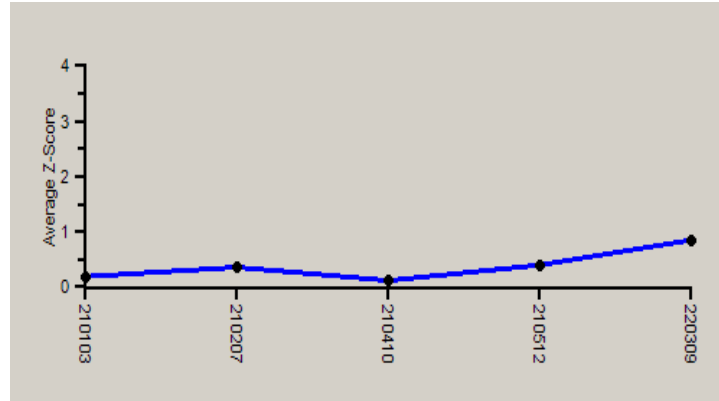
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
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Absolute Z-Score Average - Across Rounds



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

Comments :

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	230	8.29	0.59	7.07	8
Your Analyzer :	Erba EM 200	15	8.72	0.82	9.35	--
	Fuji Dri-Chem NX500/i	36	7.90	0.50	6.35	1
	Roche cobas c 311	28	8.26	0.24	2.88	--
	Roche cobas c 111	20	8.10	0.40	4.92	1
	Fuji Dri-Chem 4000i	15	8.05	0.44	5.40	2
	Fuji Dri-Chem NX600	15	7.91	0.40	5.00	--
	Roche cobas INTEGRA	13	8.24	0.13	1.52	--
	Beckman Coulter AU480	9	8.43	0.46	5.48	--

Remarks: Interpretation of your reports

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CHITTORGARH

Sample No : 1

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Biochemistry, Chloride, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	166	143.18	33.38	23.31	4
ISE direct - (Your Method)	110	149.94	36.19	24.14	3
Roche AVL 9180 - (Your Analyzer)	14	156.07	33.30	21.34	--

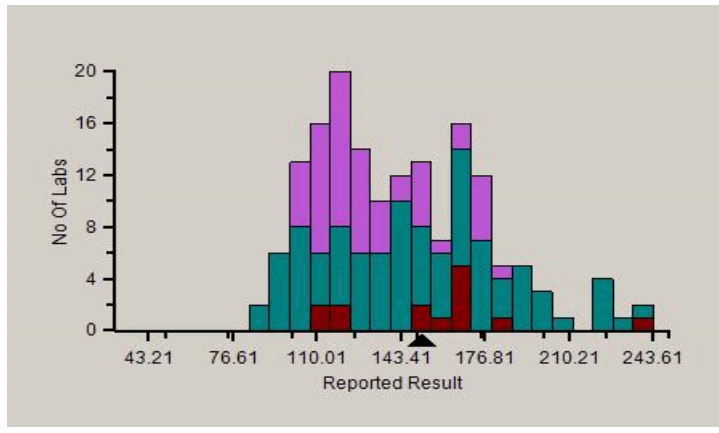
Evaluation Based On - Method wise Peer Grouping

Your Result	152.00	SDI / z-Score	0.19
Assigned Value	145.40	Average SDI	0.33
SDPA	34.665	Uncertainty of AV	4.29
Standard Unit Result Val	152.00	%DEV	-2.61

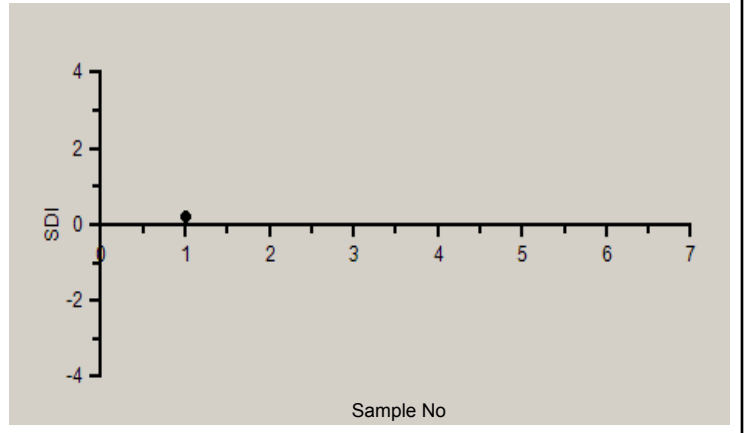
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

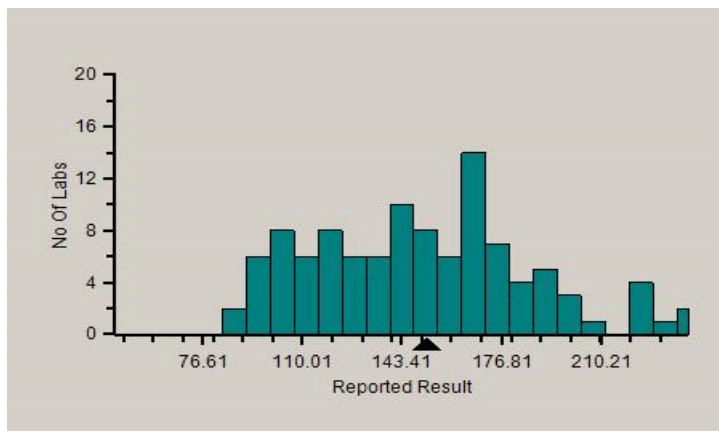
Frequency Histogram



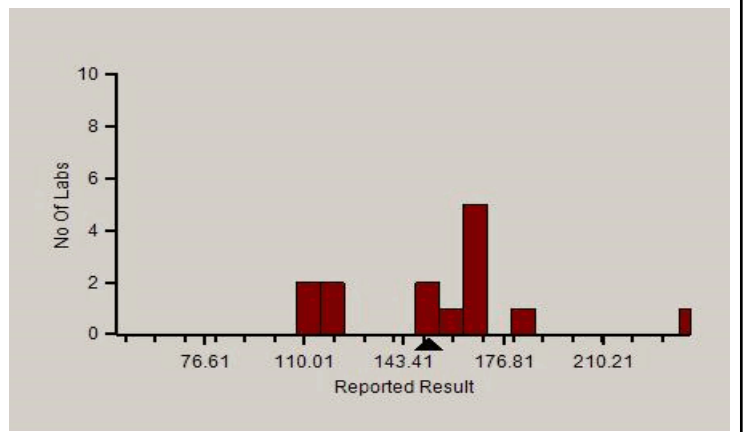
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

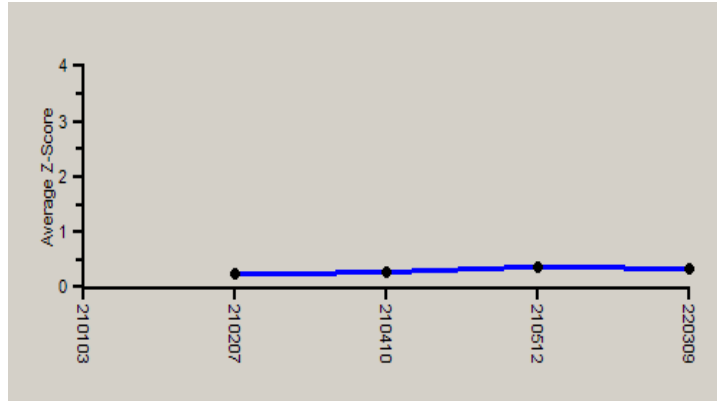
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	166	143.18	33.38	23.31	4
Your Analyzer :	Roche AVL 9180	14	156.07	33.30	21.34	--
	Roche cobas c 311	21	122.52	13.34	10.89	--
	Fuji Dri-Chem NX500/i	17	160.77	20.42	12.70	--
	EasyLyte	9	203.55	27.23	13.38	1
	BeneSphera Electrolyte A analyzer	8	130.40	16.50	12.65	--
	Roche cobas 6000	7	121.11	14.22	11.74	--
	Roche cobas 8000	6	128.50	12.52	9.74	--
	Fuji Dri-Chem 4000i	5	152.42	27.68	18.16	--

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



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Cholesterol, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	280	153.44	12.63	8.23	6
CHOD-PAP - (Your Method)	56	154.59	12.21	7.90	1
Erba EM 200 - (Your Analyzer)	22	154.37	12.13	7.86	--

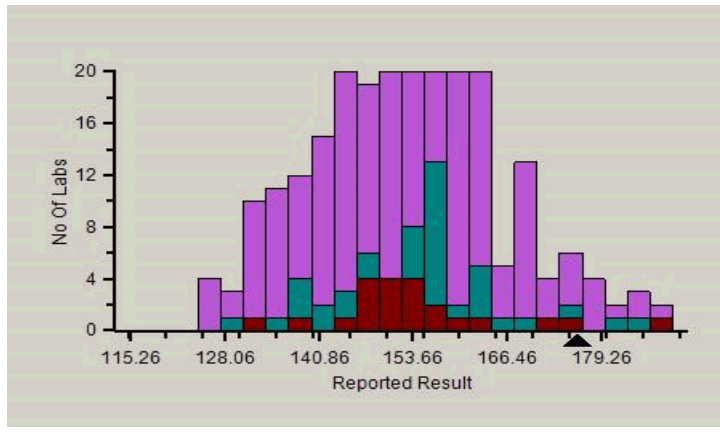
Evaluation Based On - Equipment wise Peer Grouping

Your Result	176.00	SDI / z-Score	1.99
Assigned Value	149.09	Average SDI	2.36
SDPA	13.500	Uncertainty of AV	1.97
Standard Unit Result Val	176.00	%DEV	14.01

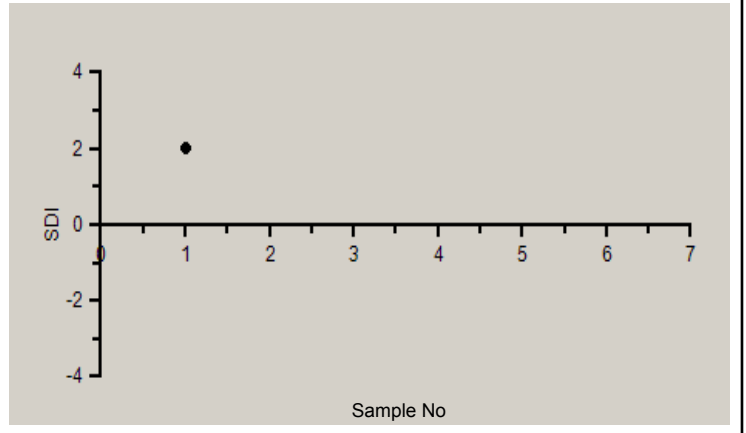
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

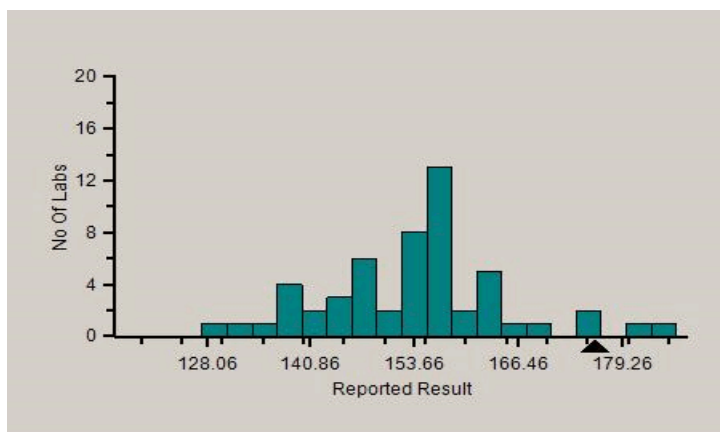
Frequency Histogram



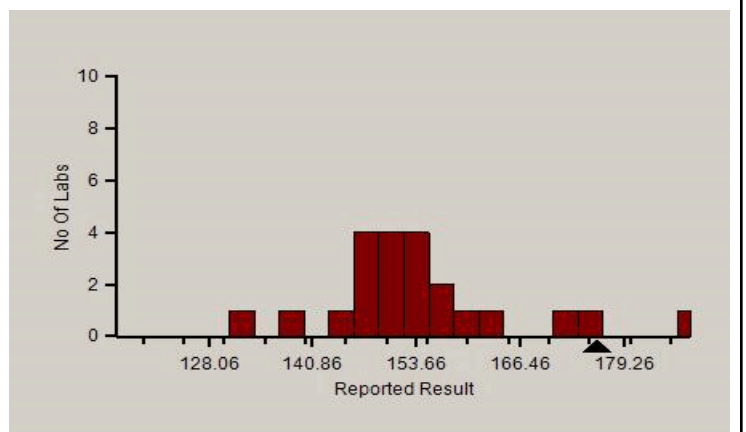
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

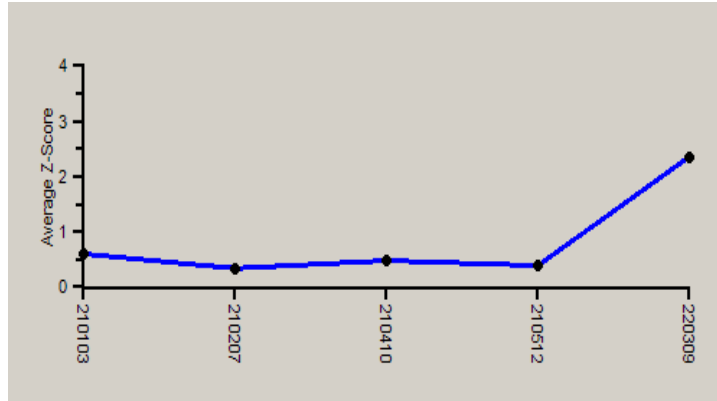
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
All Analyzer		280	153.44	12.63	8.23	6
Your Analyzer :	Erba EM 200	22	154.37	12.13	7.86	--
	Fuji Dri-Chem NX500/i	34	142.84	10.75	7.52	--
	Roche cobas c 311	29	156.22	4.52	2.89	--
	Roche cobas c 111	23	156.85	10.87	6.93	--
	Biosystems A15	16	157.81	17.25	10.93	1
	Fuji Dri-Chem 4000i	15	147.07	12.39	8.42	1
	Fuji Dri-Chem NX600	14	148.07	10.04	6.78	--
	Roche cobas INTEGRA	13	157.30	4.78	3.04	--

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
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 - 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 : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Creatinine, mg/dl

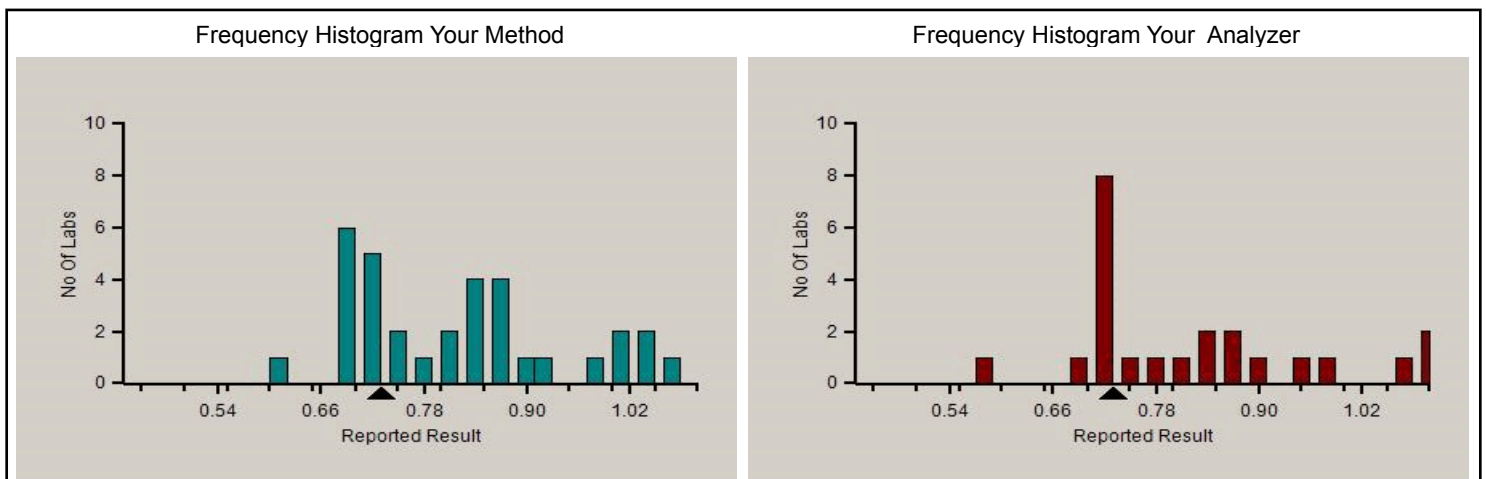
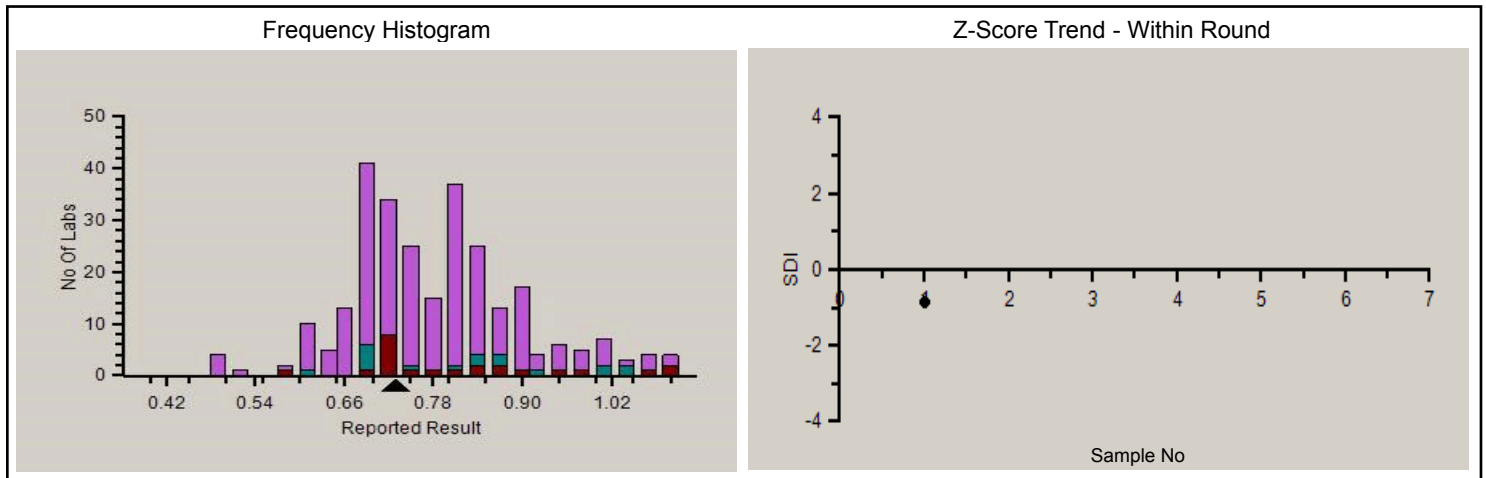
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	284	0.78	0.12	15.69	8
Enzymatic - (Your Method)	35	0.83	0.14	16.83	--
Erba EM 200 - (Your Analyzer)	23	0.82	0.14	16.89	--

Your Result	0.73	SDI / z-Score	-0.85
Assigned Value	0.87	Average SDI	-0.06
SDPA	0.159	Uncertainty of AV	0.03
Standard Unit Result Val	0.73	%DEV	-10.65

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

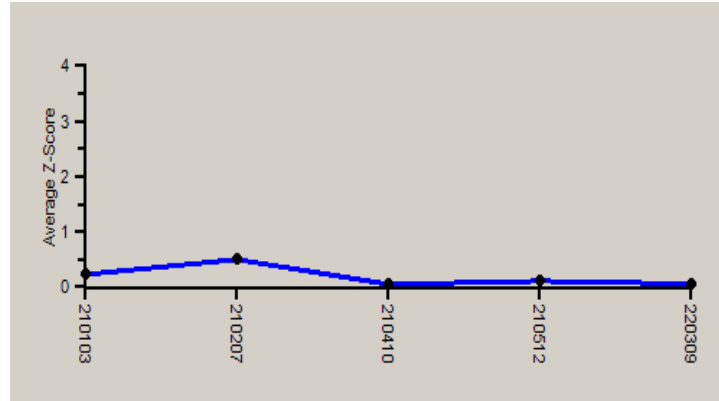
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
All Analyzer		284	0.78	0.12	15.69	8
Your Analyzer :	Erba EM 200	23	0.82	0.14	16.89	--
	Fuji Dri-Chem NX500/i	35	0.72	0.08	10.40	--
	Roche cobas c 311	29	0.77	0.06	8.04	--
	Roche cobas c 111	23	0.75	0.09	11.45	--
	Biosystems A15	16	0.78	0.18	23.10	2
	Fuji Dri-Chem 4000i	16	0.75	0.07	9.52	--
	Fuji Dri-Chem NX600	14	0.71	0.04	5.88	--
	Roche cobas INTEGRA	13	0.71	0.05	7.16	--

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:
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 - 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 : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Glucose, mg/dl

Comparative Statistics

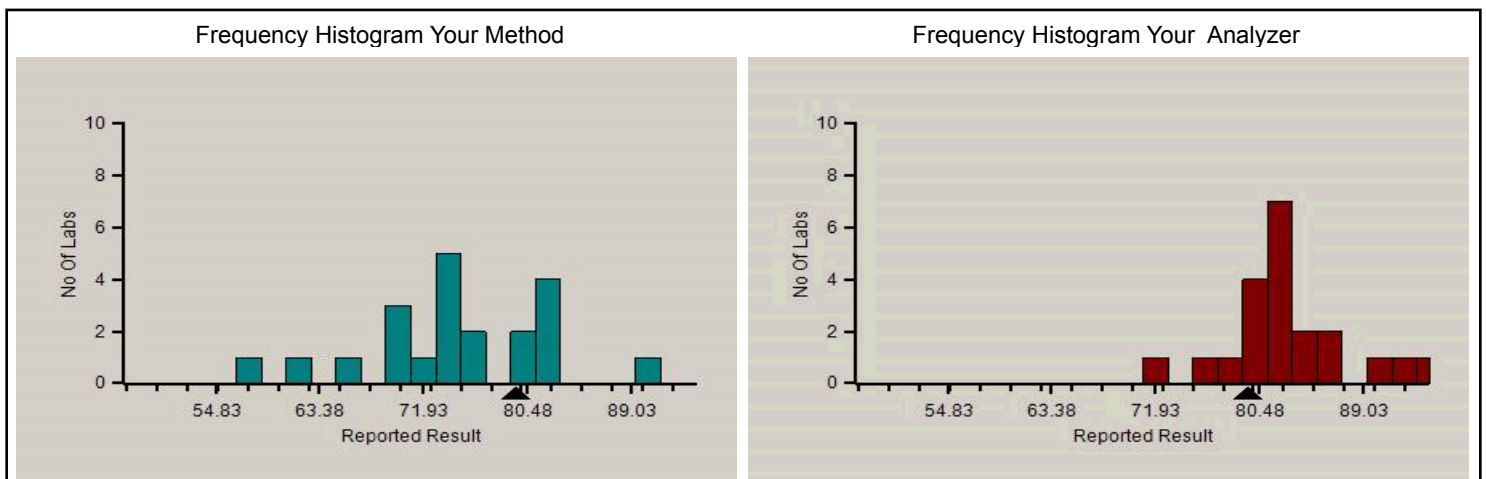
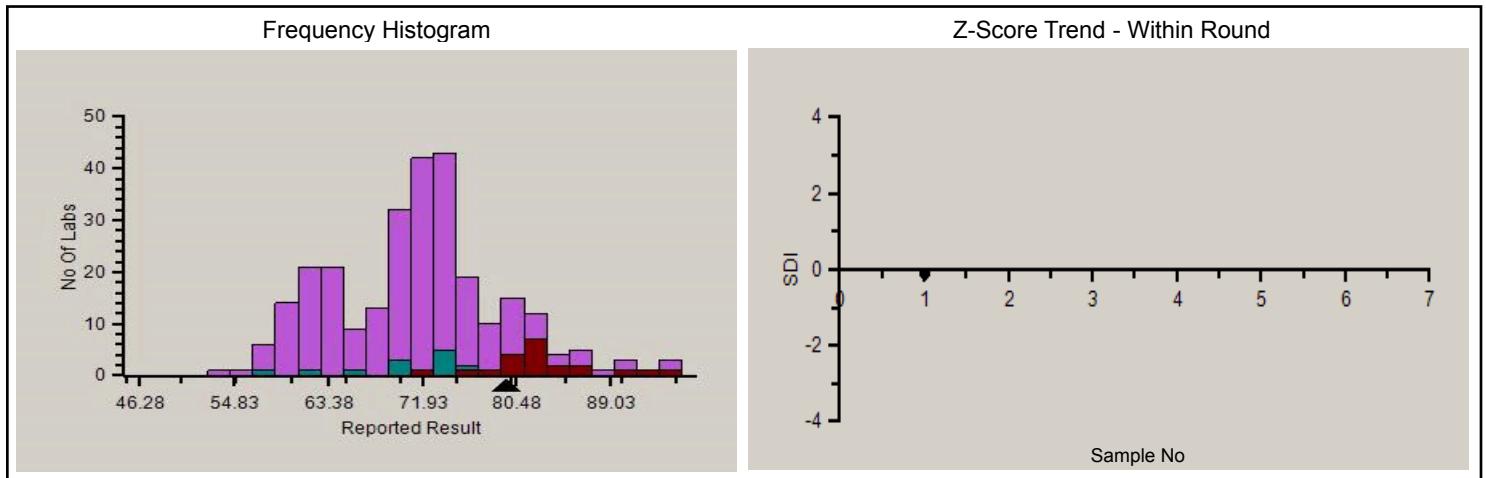
	N	Mean	SD	CV%	Excluded
All Methods	282	71.92	8.59	11.94	3
GPO-POD - (Your Method)	23	74.68	7.65	10.24	2
Erba EM 200 - (Your Analyzer)	23	84.28	6.20	7.35	--

Evaluation Based On - Equipment wise Peer Grouping

Your Result	79.50	SDI / z-Score	-0.13
Assigned Value	80.58	Average SDI	0.20
SDPA	8.502	Uncertainty of AV	1.60
Standard Unit Result Val	79.50	%DEV	-5.67

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

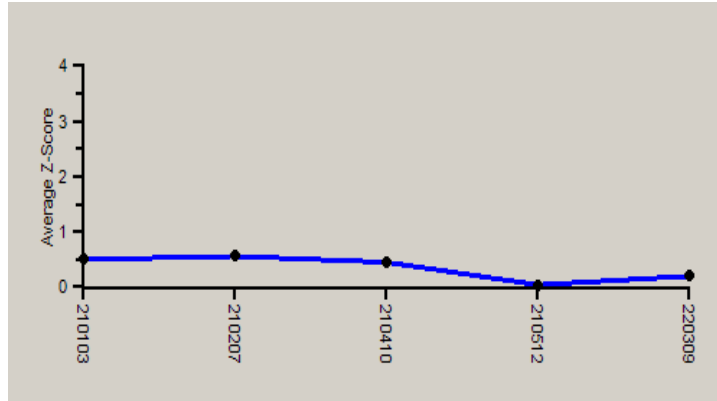
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Glucose		N	Mean	SD	CV%	Excluded
	All Analyzer	282	71.92	8.59	11.94	3
Your Analyzer :	Erba EM 200	23	84.28	6.20	7.35	--
	Fuji Dri-Chem NX500/i	37	62.70	3.32	5.30	--
	Roche cobas c 311	29	71.42	2.26	3.17	--
	Roche cobas c 111	20	74.31	4.87	6.55	--
	Biosystems A15	16	72.61	7.49	10.32	--
	Fuji Dri-Chem 4000i	16	61.69	4.60	7.46	--
	Fuji Dri-Chem NX600	14	61.00	2.80	4.59	1
	Roche cobas INTEGRA	13	72.39	2.19	3.02	--

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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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



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, HDL, mg/dl

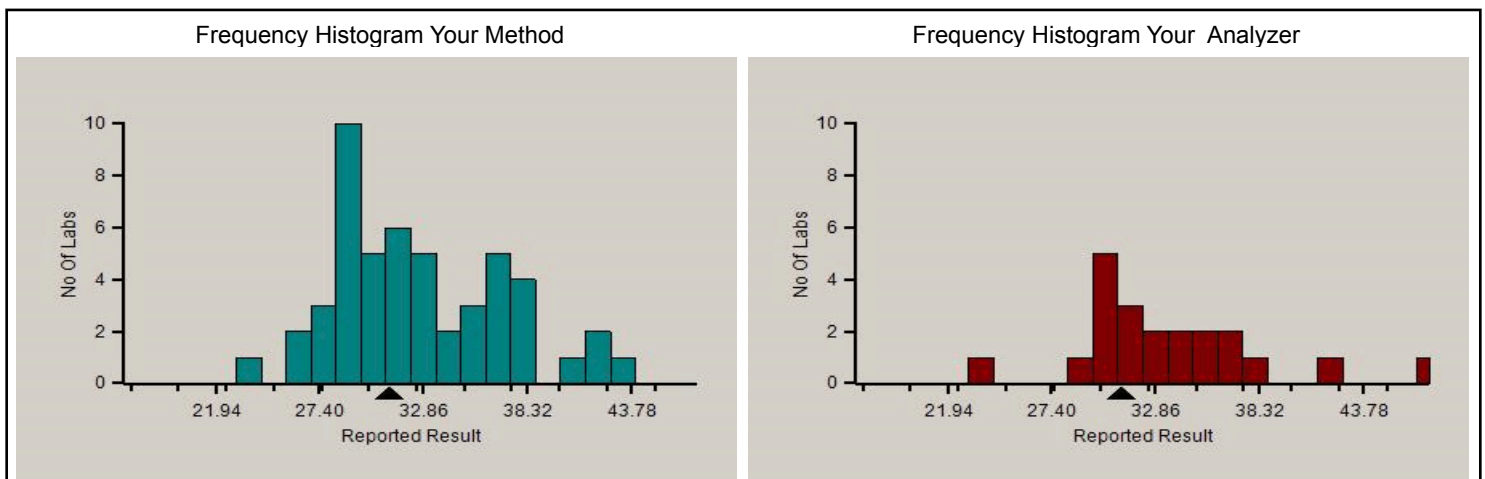
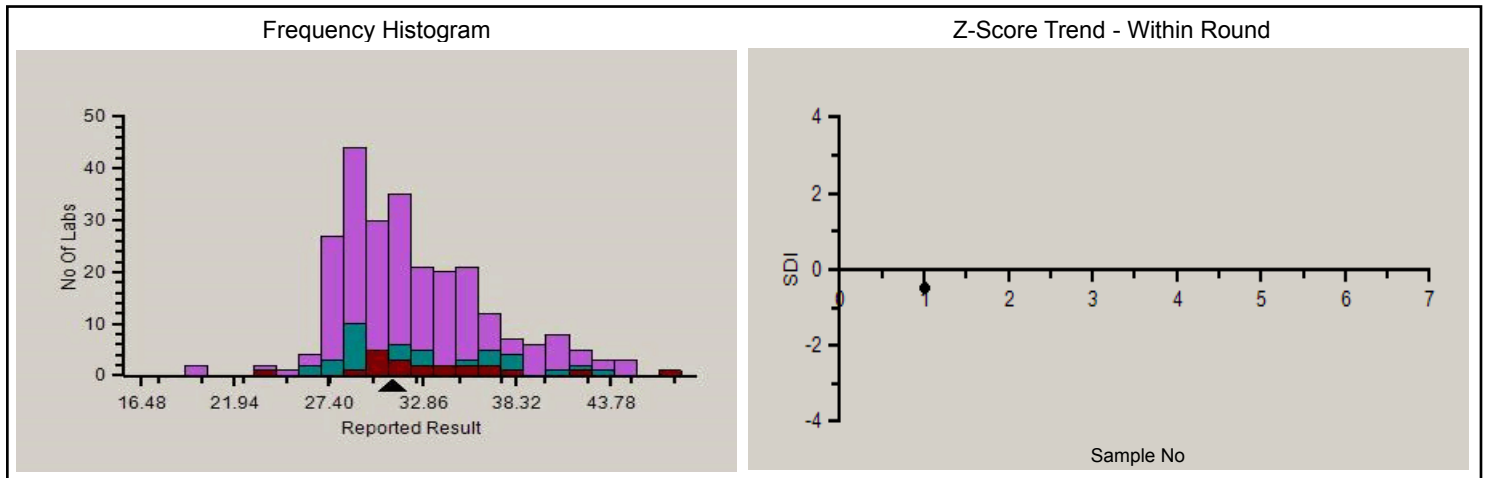
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	261	32.81	5.45	16.61	5
Direct measure-PEG - (Your Method)	49	32.49	4.46	13.72	--
Erba EM 200 - (Your Analyzer)	21	33.56	5.08	15.14	--

Your Result	31.10	SDI / z-Score	-0.48
Assigned Value	33.53	Average SDI	-0.33
SDPA	5.108	Uncertainty of AV	0.77
Standard Unit Result Val	31.10	%DEV	-7.32

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

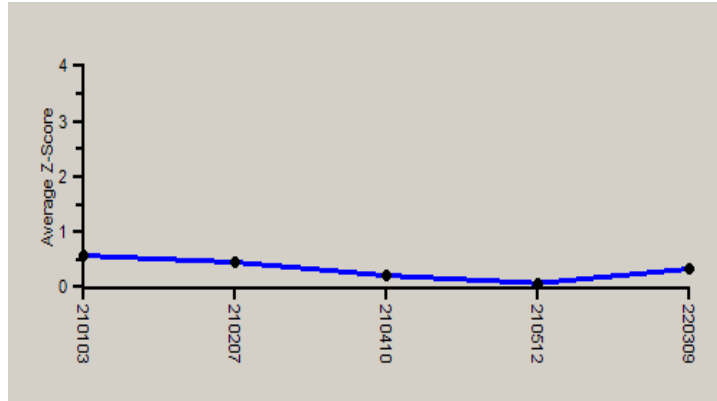
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
All Analyzer		261	32.81	5.45	16.61	5
Your Analyzer :	Erba EM 200	21	33.56	5.08	15.14	--
	Fuji Dri-Chem NX500/i	32	33.71	2.19	6.51	--
	Roche cobas c 311	29	28.96	1.37	4.72	--
	Roche cobas c 111	22	29.36	1.59	5.42	--
	Fuji Dri-Chem 4000i	14	32.92	1.44	4.38	1
	Biosystems A15	13	40.39	9.33	23.10	--
	Fuji Dri-Chem NX600	13	32.50	2.03	6.25	--
	Roche cobas INTEGRA	12	28.51	1.32	4.61	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:

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 - 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 : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Potassium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	228	4.13	0.24	5.78	4
ISE direct - (Your Method)	168	4.12	0.18	4.28	3
Roche AVL 9180 - (Your Analyzer)	19	4.23	0.14	3.24	--

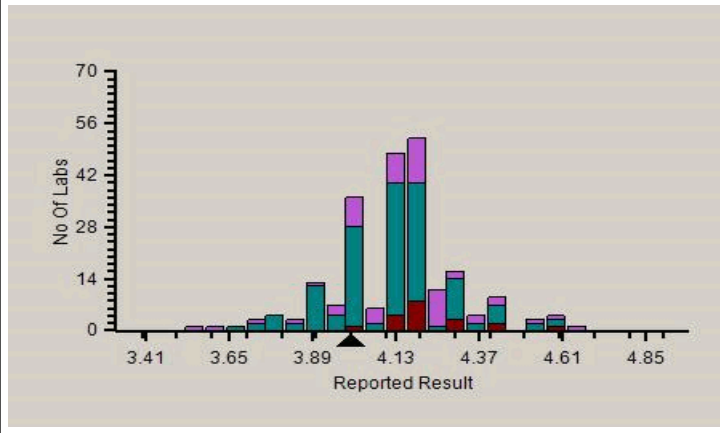
Evaluation Based On - Method wise Peer Grouping

Your Result	4.00	SDI / z-Score	-0.48
Assigned Value	4.12	Average SDI	0.06
SDPA	0.240	Uncertainty of AV	0.01
Standard Unit Result Val	4.00	%DEV	-5.37

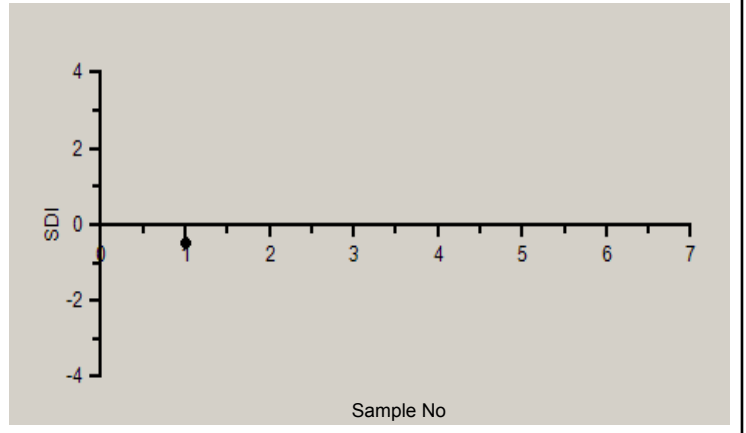
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

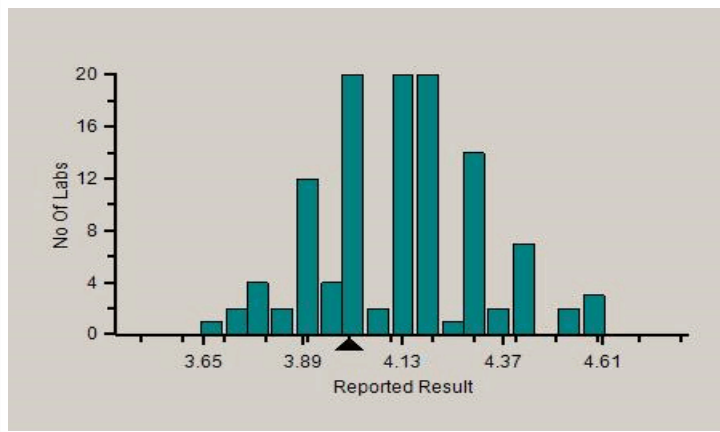
Frequency Histogram



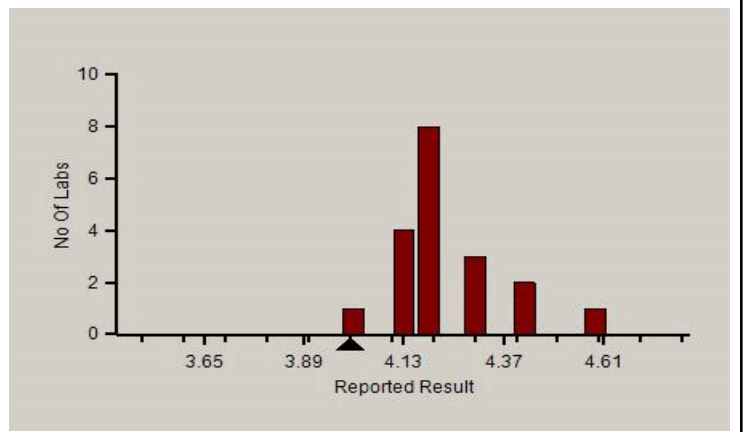
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

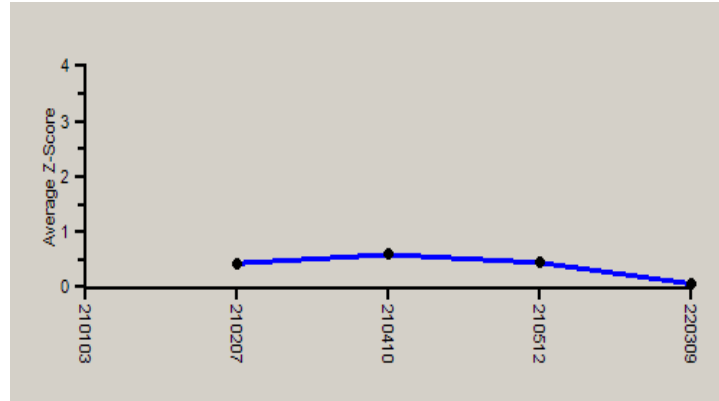
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	228	4.13	0.24	5.78	4
Your Analyzer :	Roche AVL 9180	19	4.23	0.14	3.24	--
	Fuji Dri-Chem NX500/i	37	4.12	0.19	4.62	1
	Roche cobas c 311	22	4.15	0.17	4.12	--
	Fuji Dri-Chem 4000i	19	4.11	0.23	5.47	1
	Fuji Dri-Chem NX600	14	4.14	0.09	2.27	--
	EasyLyte	10	4.04	0.15	3.59	--
	BeneSphera Electrolyte A analyzer	9	3.91	0.15	3.94	--
	Roche cobas 6000	7	4.22	0.21	4.85	--

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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- 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



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Sodium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	227	149.43	5.03	3.36	4
ISE direct - (Your Method)	166	149.26	4.92	3.30	3
Roche AVL 9180 - (Your Analyzer)	19	149.11	4.73	3.17	--

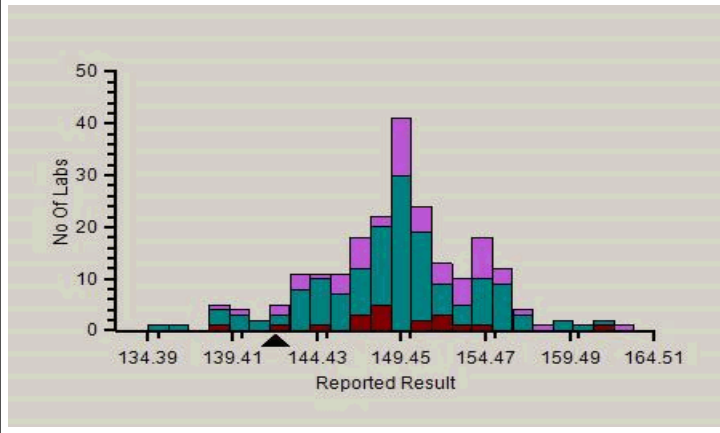
Evaluation Based On - Method wise Peer Grouping

Your Result	142.00	SDI / z-Score	-1.19
Assigned Value	149.23	Average SDI	0.09
SDPA	6.100	Uncertainty of AV	0.41
Standard Unit Result Val	142.00	%DEV	-4.77

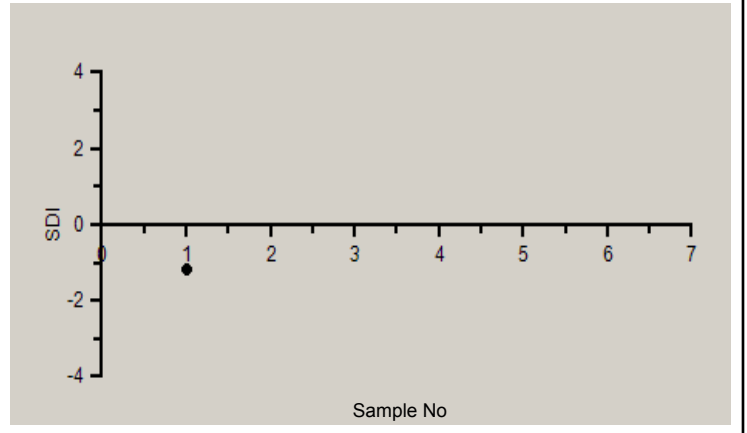
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

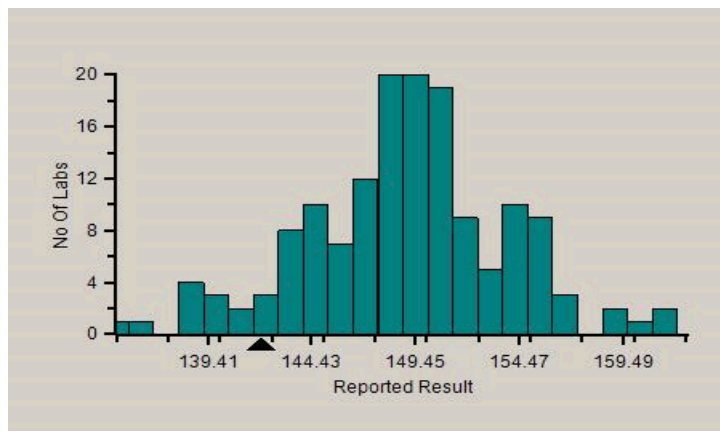
Frequency Histogram



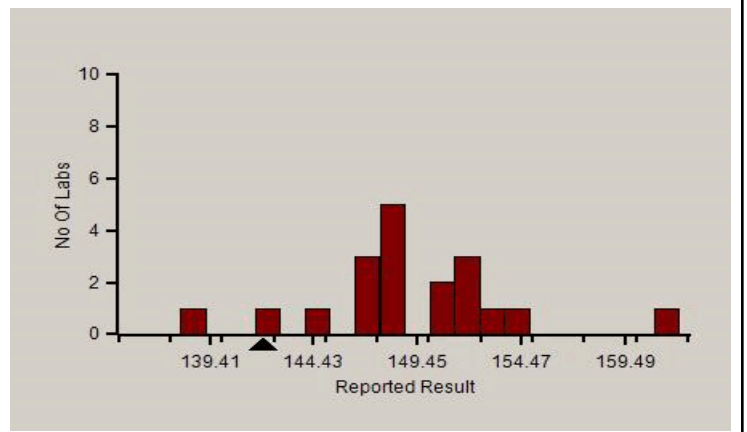
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

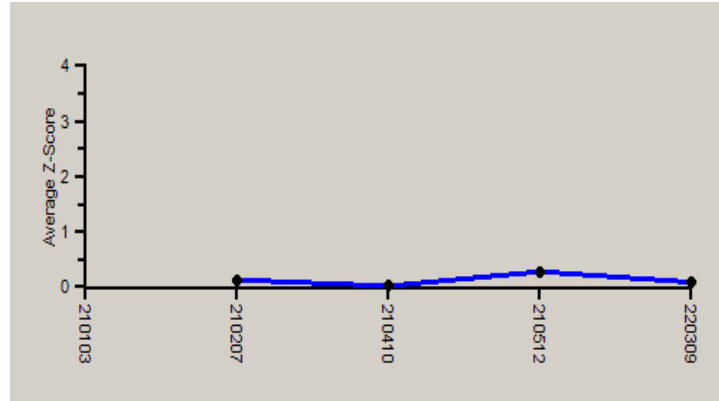
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Sodium

		N	Mean	SD	CV%	Excluded
	All Analyzer	227	149.43	5.03	3.36	4
Your Analyzer :	Roche AVL 9180	19	149.11	4.73	3.17	--
	Fuji Dri-Chem NX500/i	38	149.39	4.55	3.05	2
	Roche cobas c 311	22	149.86	4.53	3.02	--
	Fuji Dri-Chem 4000i	18	151.44	6.30	4.16	--
	Fuji Dri-Chem NX600	14	150.79	2.81	1.86	--
	EasyLyte	10	147.59	3.83	2.60	--
	BeneSphera Electrolyte A analyzer	9	142.29	4.83	3.39	--
	Roche cobas 6000	7	151.57	5.35	3.53	--

Remarks: Interpretation of your reports

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

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Total Protein, g/dL

Comparative Statistics

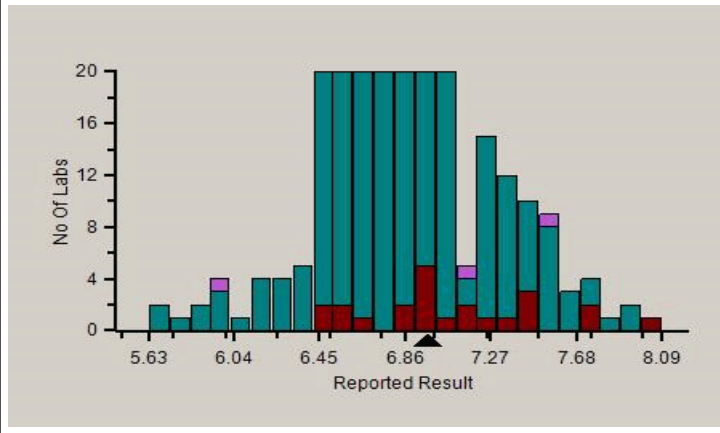
	N	Mean	SD	CV%	Excluded
All Methods	280	6.87	0.42	6.06	9
Biuret - (Your Method)	272	6.87	0.42	6.04	8
Erba EM 200 - (Your Analyzer)	23	7.09	0.41	5.82	--

Your Result	6.97	SDI / z-Score	-0.29
Assigned Value	7.10	Average SDI	-0.07
SDPA	0.445	Uncertainty of AV	0.08
Standard Unit Result Val	6.97	%DEV	-1.72

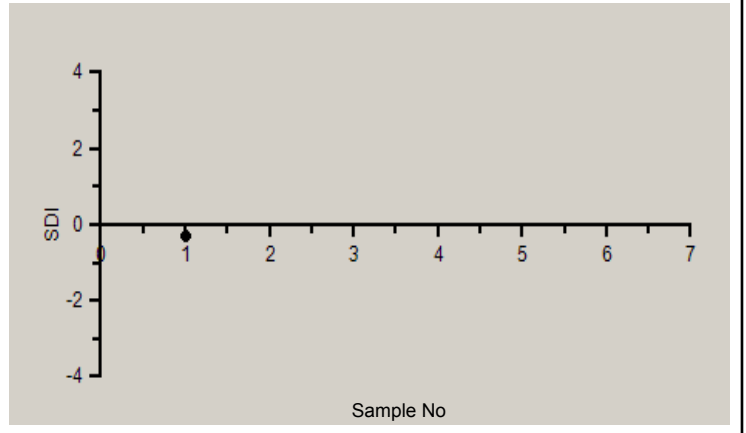
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

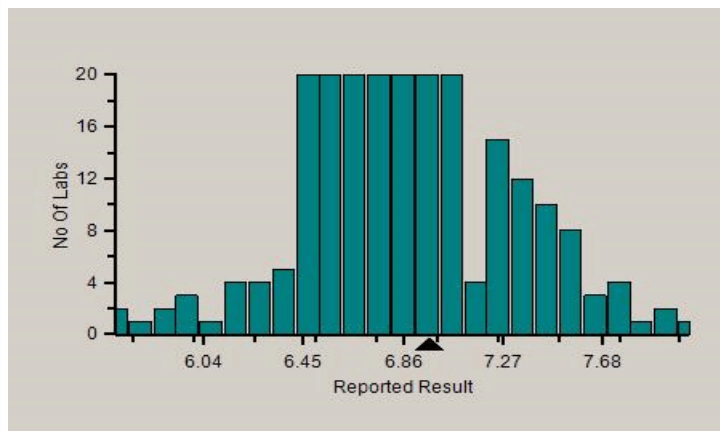
Frequency Histogram



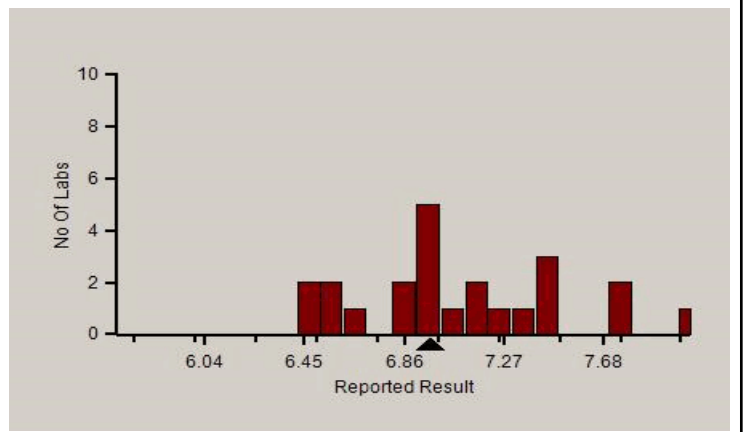
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

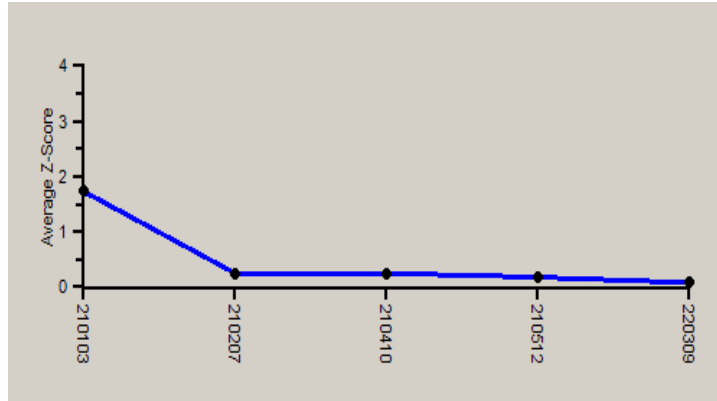
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	280	6.87	0.42	6.06	9
Your Analyzer :	Erba EM 200	23	7.09	0.41	5.82	--
	Fuji Dri-Chem NX500/i	38	7.09	0.29	4.03	--
	Roche cobas c 311	29	6.68	0.14	2.04	--
	Roche cobas c 111	20	6.68	0.39	5.82	--
	Biosystems A15	16	6.77	0.51	7.51	1
	Fuji Dri-Chem 4000i	15	6.93	0.40	5.82	1
	Fuji Dri-Chem NX600	14	6.79	0.22	3.29	1
	Roche cobas INTEGRA	13	6.52	0.17	2.53	--

Remarks: Interpretation of your reports

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 - 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 : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Triglycerides, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	272	134.52	14.06	10.45	5
GPO-PAP - (Your Method)	31	130.10	12.78	9.82	2
Erba EM 200 - (Your Analyzer)	21	116.06	9.39	8.09	--

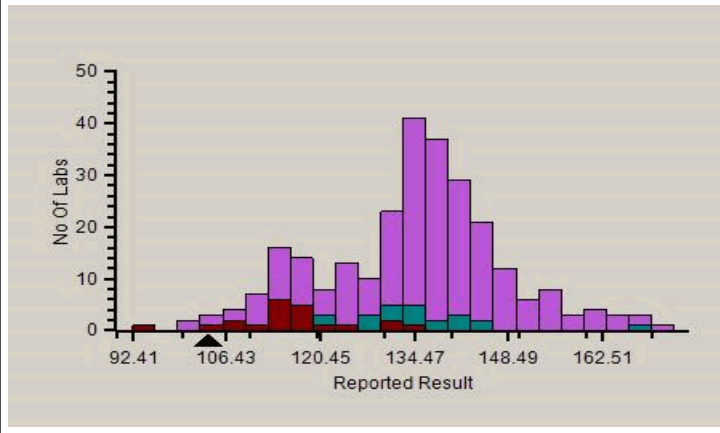
Evaluation Based On - Equipment wise Peer Grouping

Your Result	103.70	SDI / z-Score	-1.41
Assigned Value	116.86	Average SDI	-0.97
SDPA	9.326	Uncertainty of AV	1.84
Standard Unit Result Val	103.70	%DEV	-10.65

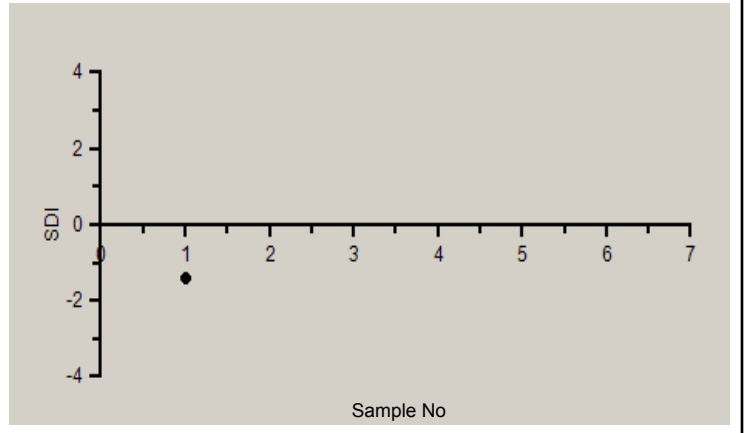
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

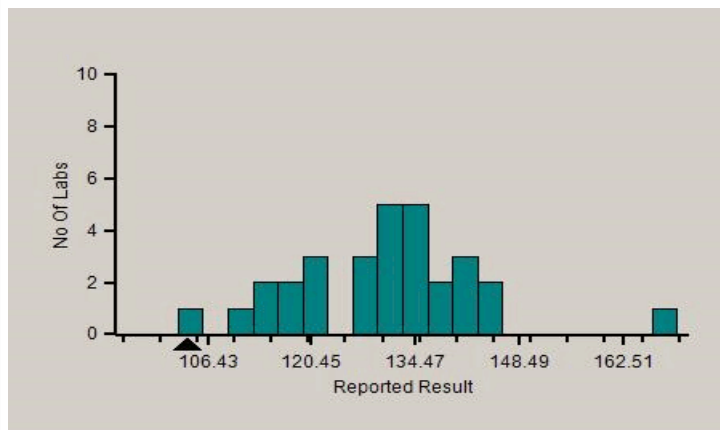
Frequency Histogram



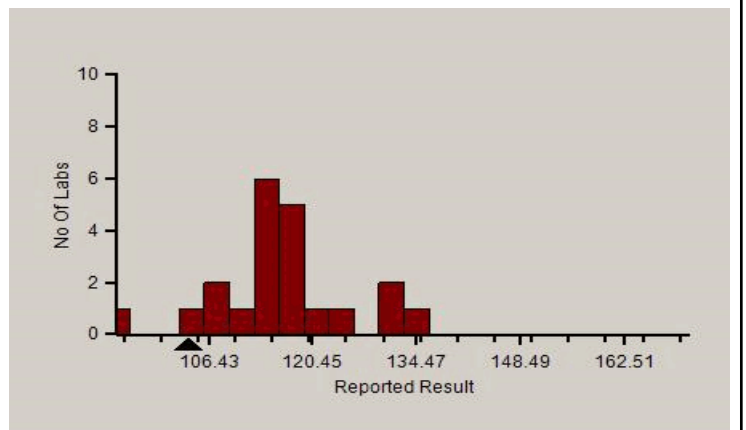
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

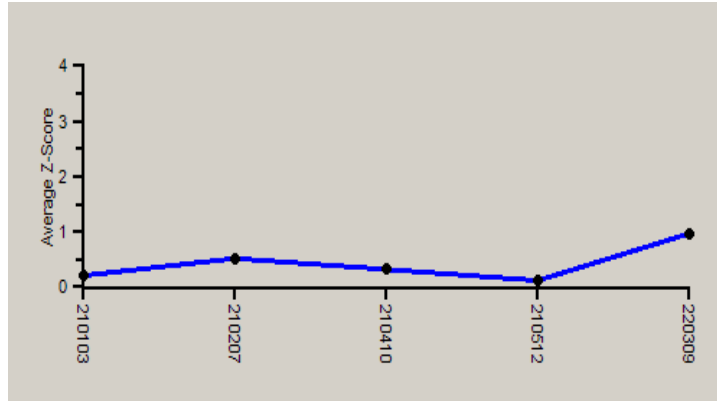
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	272	134.52	14.06	10.45	5
Your Analyzer :	Erba EM 200	21	116.06	9.39	8.09	--
	Fuji Dri-Chem NX500/i	32	144.49	9.58	6.63	--
	Roche cobas c 311	29	136.66	3.76	2.75	--
	Roche cobas c 111	21	141.86	11.44	8.06	--
	Biosystems A15	16	125.45	20.04	15.98	--
	Fuji Dri-Chem 4000i	14	142.93	12.51	8.75	--
	Roche cobas INTEGRA	13	136.92	4.48	3.27	--
	Fuji Dri-Chem NX600	13	141.00	9.84	6.98	--

Remarks: Interpretation of your reports

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 - All failed - Unacceptable performance. Review for systematic error



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Urea, mg/dl

Comparative Statistics

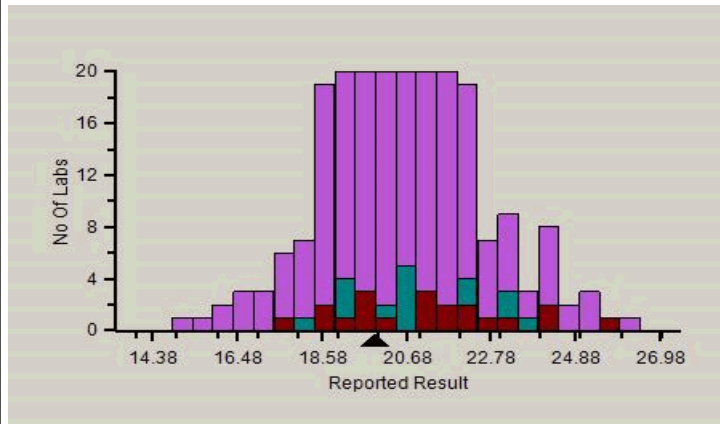
	N	Mean	SD	CV%	Excluded
All Methods	283	20.68	2.11	10.22	14
Urease - (Your Method)	28	20.79	1.67	8.04	--
Erba EM 200 - (Your Analyzer)	23	22.09	3.06	13.86	--

Your Result	19.90	SDI / z-Score	-0.56
Assigned Value	21.37	Average SDI	-0.52
SDPA	2.632	Uncertainty of AV	0.51
Standard Unit Result Val	19.90	%DEV	-9.92

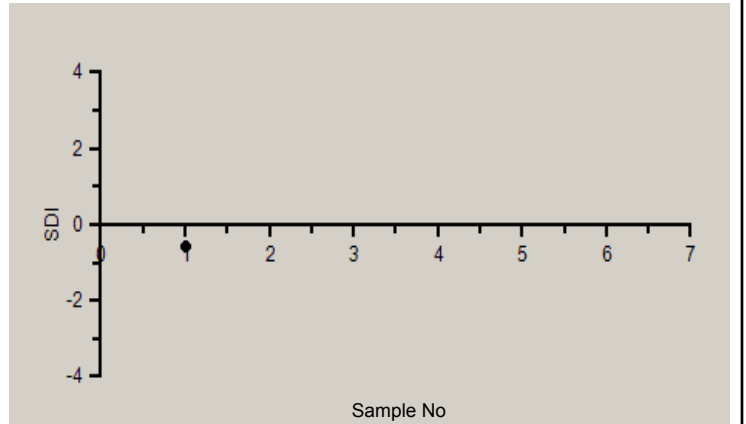
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

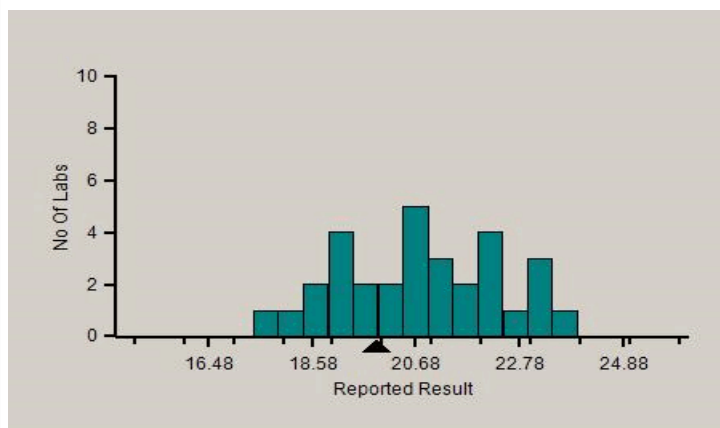
Frequency Histogram



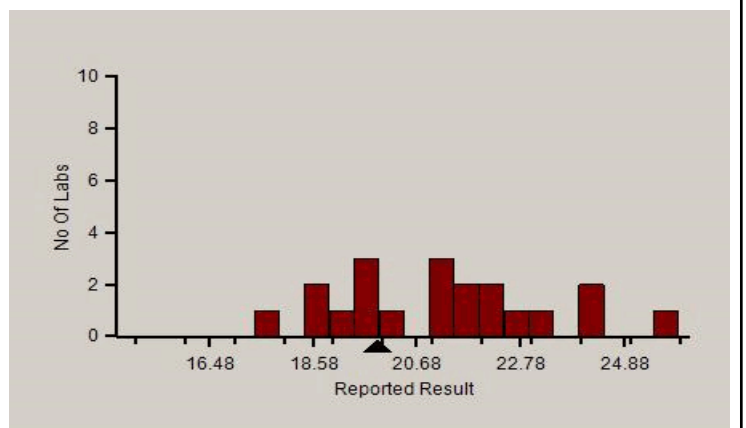
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



PC-1022

Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

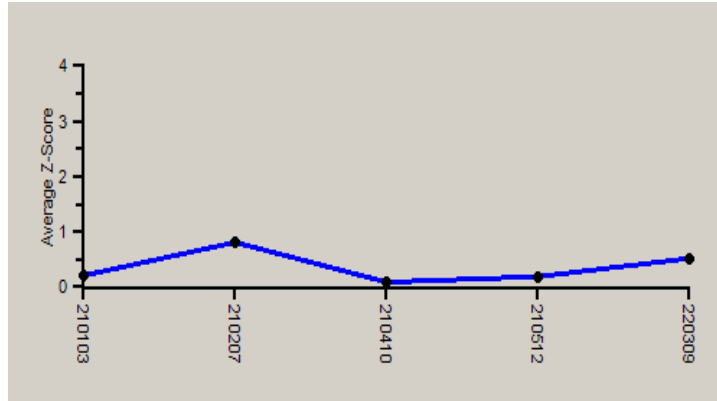
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	283	20.68	2.11	10.22	14
Your Analyzer :	Erba EM 200	23	22.09	3.06	13.86	--
	Fuji Dri-Chem NX500/i	35	21.06	1.20	5.68	--
	Roche cobas c 311	29	20.89	1.19	5.69	1
	Roche cobas c 111	22	19.63	1.61	8.20	1
	Biosystems A15	16	19.16	3.33	17.39	--
	Fuji Dri-Chem 4000i	15	20.49	0.92	4.49	1
	Fuji Dri-Chem NX600	14	20.76	0.63	3.04	1
	Roche cobas INTEGRA	13	19.55	1.34	6.86	--

Remarks: Interpretation of your reports

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Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

Report Date : 10/12/2022

Sample Date : 30-09-2022

Biochemistry, Uric Acid, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	275	4.48	0.73	16.24	8
Uricase - (Your Method)	40	4.56	0.87	19.10	1
Erba EM 200 - (Your Analyzer)	21	4.96	0.31	6.25	2

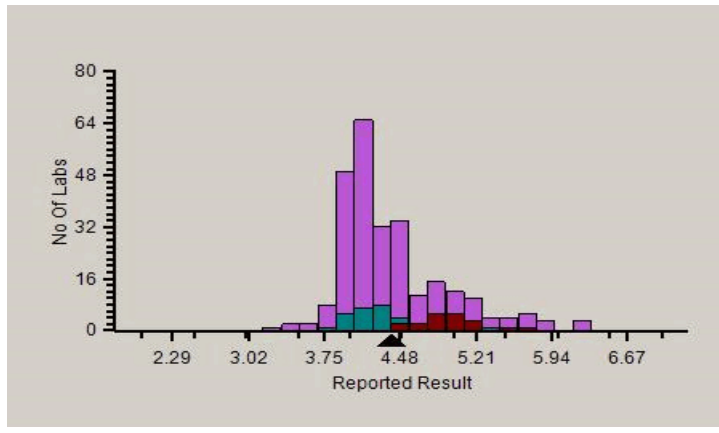
Evaluation Based On - Equipment wise Peer Grouping

Your Result	4.40	SDI / z-Score	-1.20
Assigned Value	4.88	Average SDI	-0.83
SDPA	0.400	Uncertainty of AV	0.06
Standard Unit Result Val	4.40	%DEV	-11.27

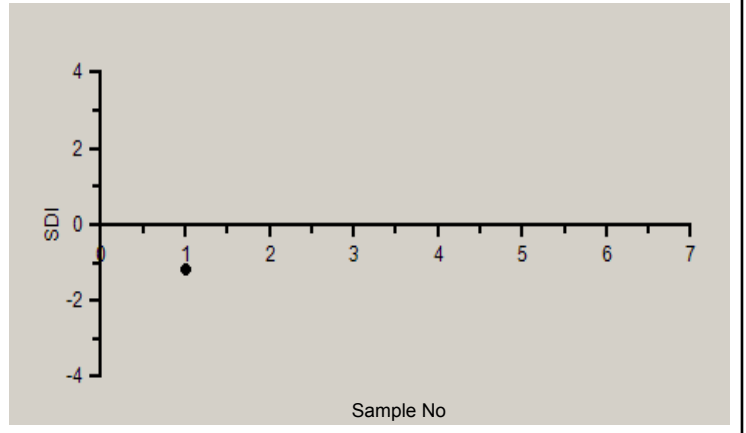
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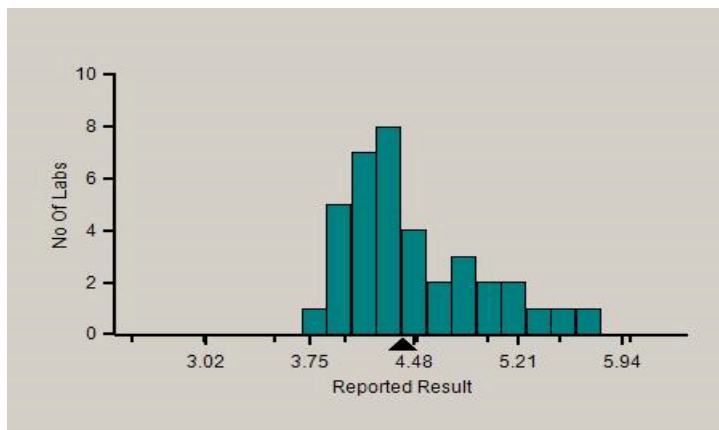
Frequency Histogram



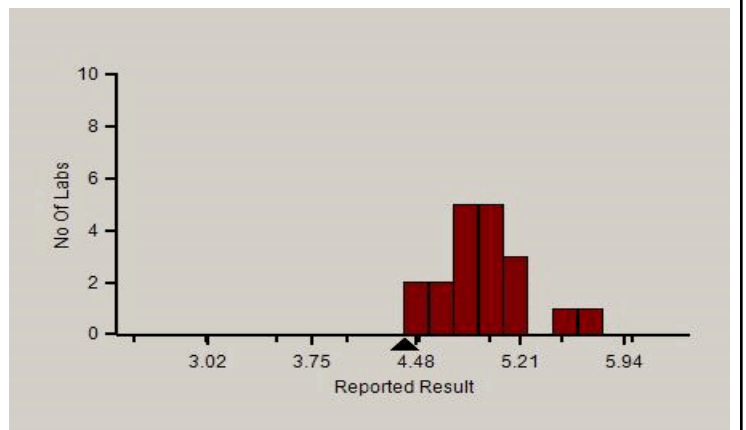
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 454

Cycle No : 220309

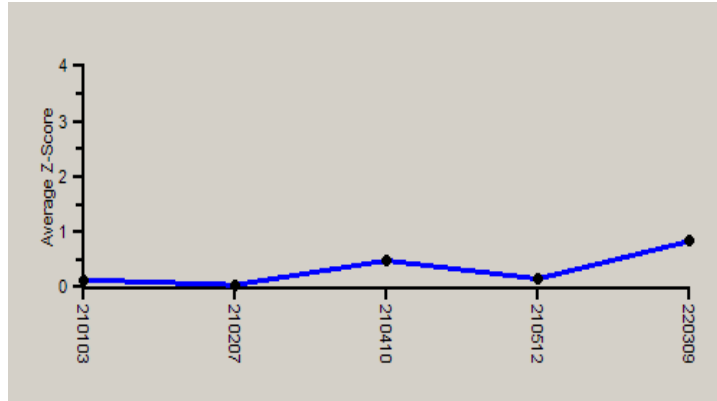
Lab Name : MEDICENTRE SONOGRAPHY AND CLINICAL LAB,
CHITTORGARH

Sample No : 1

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 :

Biochemistry, Uric Acid

	N	Mean	SD	CV%	Excluded
All Analyzer	275	4.48	0.73	16.24	8
Your Analyzer : Erba EM 200	21	4.96	0.31	6.25	2
Fuji Dri-Chem NX500/i	33	4.36	0.28	6.51	--
Roche cobas c 311	27	4.06	0.15	3.67	--
Roche cobas c 111	21	4.11	0.26	6.28	1
Fuji Dri-Chem 4000i	18	4.27	0.26	6.02	2
Biosystems A15	16	5.57	0.61	10.95	--
Fuji Dri-Chem NX600	14	4.29	0.15	3.47	--
Roche cobas INTEGRA	13	4.23	0.29	6.86	1

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Dr Puneet Kumar Nigam

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