



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, RAJPURA (1053)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 01

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Uric Acid	Diasys 200 Pro	2.48	mg/dl	-2.99
! Sodium	ACCULYTE-3P	97.42	mmol/L	-2.04
Legend @ : z score \leq 2.0 - Acceptable ! : $2.0 < z \text{ score} < 3.0$ - Warning X : z score ≥ 3 - Unacceptable # : Not Evaluated ⌚ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

Instrument : Diasys 200 Pro

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Urea	mg/dl	23.20	23.05	0.48	-0.07
@ Creatinine	mg/dl	0.84	0.79	0.81	0.03
# Bilirubin Total	mg/dl	0.10	0.43		0.40
@ Total Protein	g/dL	5.76	5.55	0.40	0.07
@ Albumin	g/dL	3.50	3.62	0.47	-4.93
! Uric Acid	mg/dl	2.48	3.62	-2.99	-1.66
@ Calcium	mg/dl	7.12	6.84	0.52	8.15
@ Cholesterol	mg/dl	124.00	130.74	-0.70	-0.63
@ Triglycerides	mg/dl	128.00	122.35	0.31	-0.68
@ HDL	mg/dl	33.00	31.40	1.03	0.23
@ LDL	mg/dl	81.73	72.09	0.59	0.08
@ ALT	U/L	10.40	11.71	-0.49	-0.09
@ AST	U/L	16.41	16.30	0.09	-0.23
@ ALP	U/L	40.44	42.48	-0.54	-0.09

Instrument : ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	86.83	83.97	0.82	0.68
! Sodium	mmol/L	97.42	106.81	-2.04	-1.46
@ Potassium	mmol/L	3.54	3.69	-0.95	-0.77

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

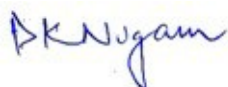
X : z score ≥ 3 - Unacceptable

: Not Evaluated

Ⓞ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	17
Not Evaluated Parameters	1
Evaluated Parameters	16
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



Dr Puneet Kumar Nigam
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Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Albumin, g/dL

Comparative Statistics

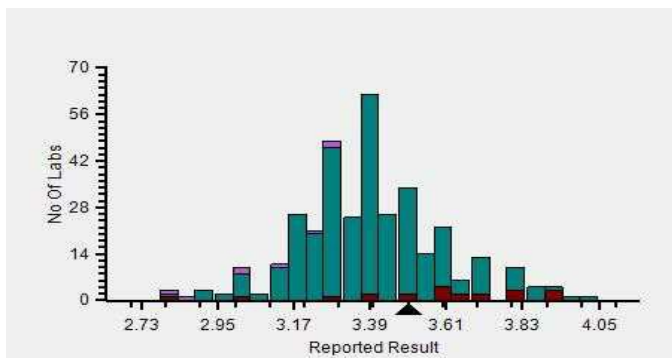
	N	Mean	SD	CV%	Excluded
All Methods	353	3.39	0.22	6.54	2
Bromocresol Green (BCG) - (Your Method)	344	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

Your Result	3.50	SDI / z-Score	0.47
Assigned Value	3.37	Average SDI	0.48
SDPA	0.289	Uncertainty of AV	0.03
Standard Unit Result Val	3.50	%DEV	

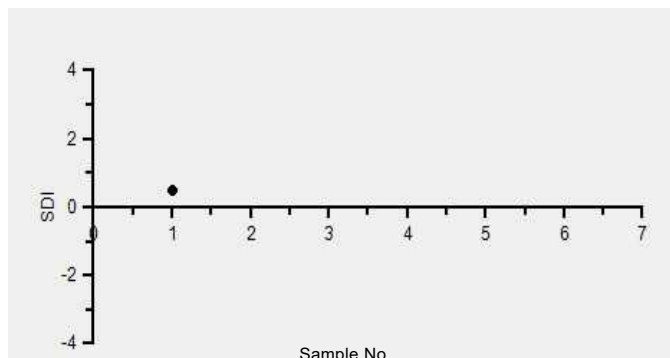
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

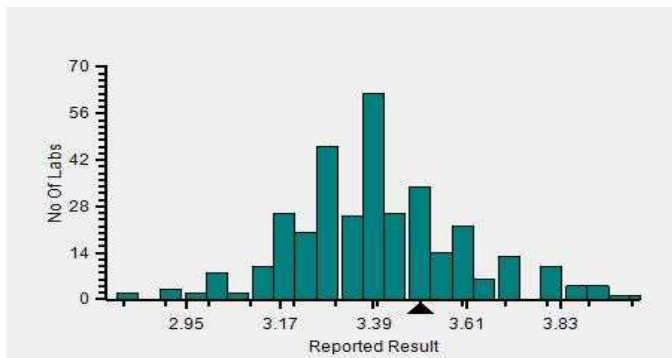
Frequency Histogram



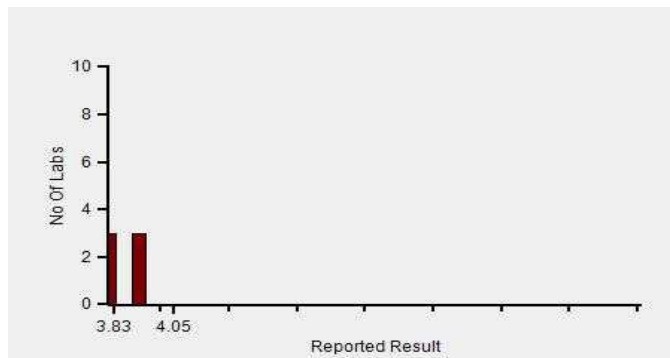
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

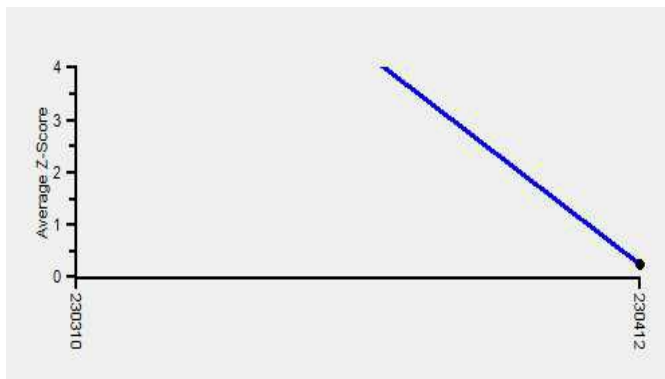
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	353	3.39	0.22	6.54	2
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	40	0.00	0.00	0.00	-
	Roche cobas c 311	38	3.35	0.14	4.27	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	-
	ERBA XL-640	13	3.42	0.15	4.27	-

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.
- 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
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 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, ALP, U/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	349	45.54	8.84	19.42	9
IFCC - (Your Method)	73	--	--	--	5
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

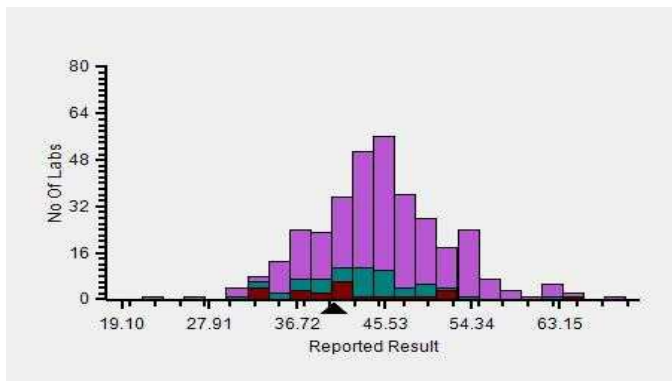
Evaluation Based On - Method wise Peer Grouping

Your Result	40.44	SDI / z-Score	-0.54
Assigned Value	44.79	Average SDI	-0.75
SDPA	8.100	Uncertainty of AV	0.40
Standard Unit Result Val	40.44	%DEV	

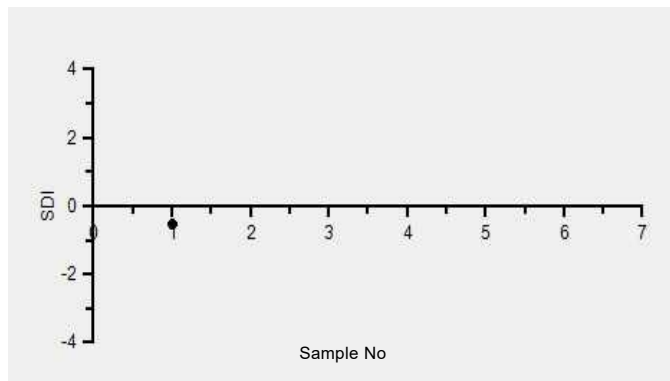
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

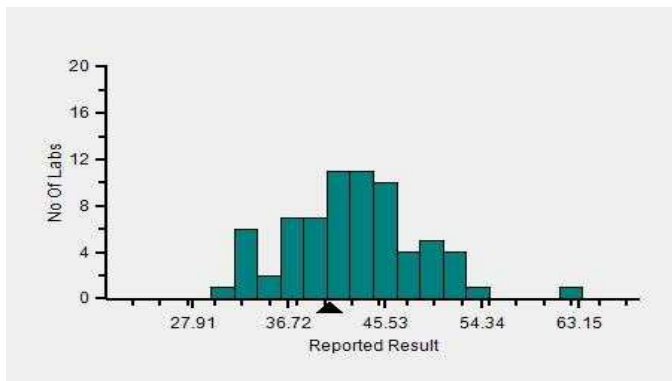
Frequency Histogram



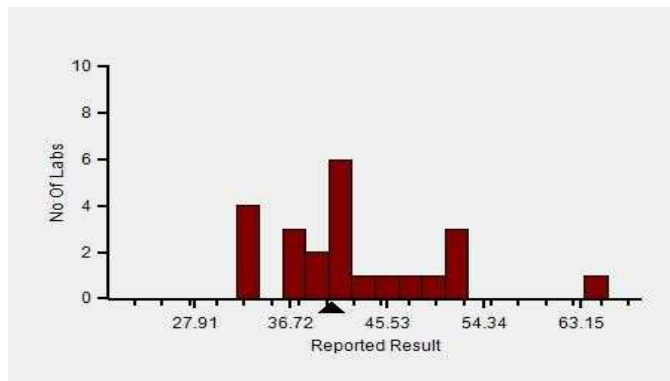
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

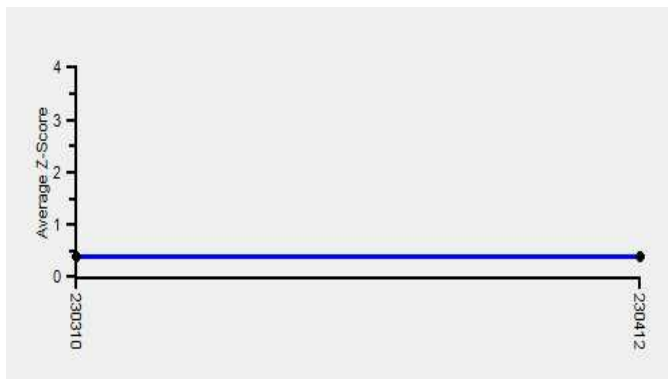
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	349	45.54	8.84	19.42	9
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	39	0.00	0.00	0.00	2
	Roche cobas c 311	37	46.81	4.21	9.00	-
	Roche cobas c 311	36	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	16	0.00	0.00	0.00	1
	ERBA XL-640	14	43.50	7.01	16.12	-

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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 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, ALT, U/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	355	10.70	2.25	21.01	10
IFCC - (Your Method)	74	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

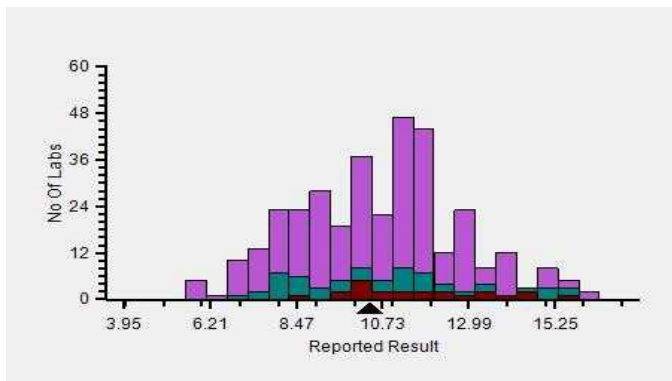
Evaluation Based On - Equipment wise Peer Grouping

Your Result	10.40	SDI / z-Score	-0.49
Assigned Value	11.49	Average SDI	-0.69
SDPA	2.230	Uncertainty of AV	0.49
Standard Unit Result Val	10.40	%DEV	

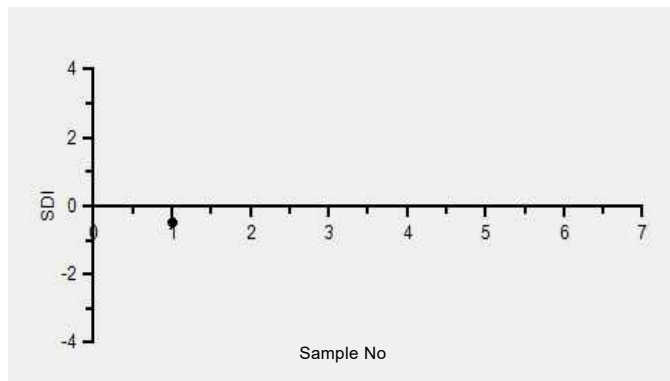
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

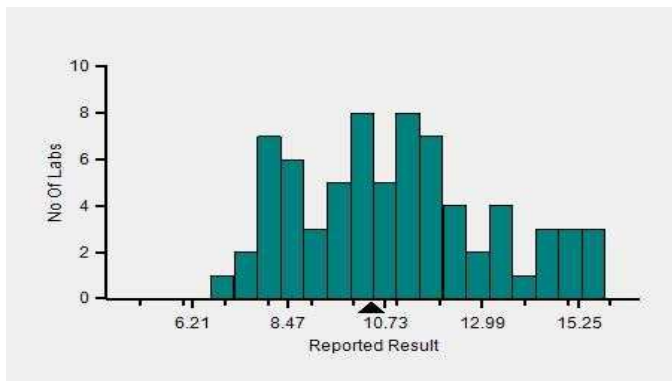
Frequency Histogram



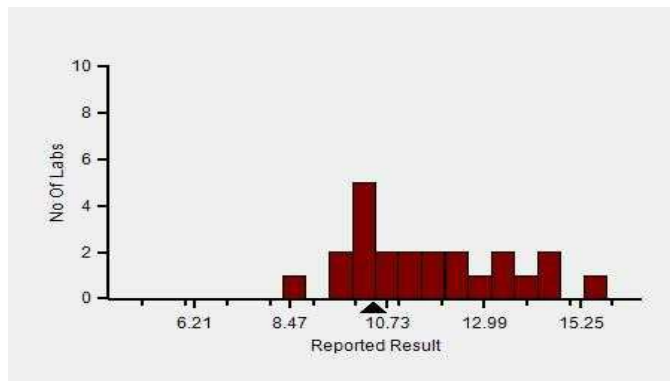
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

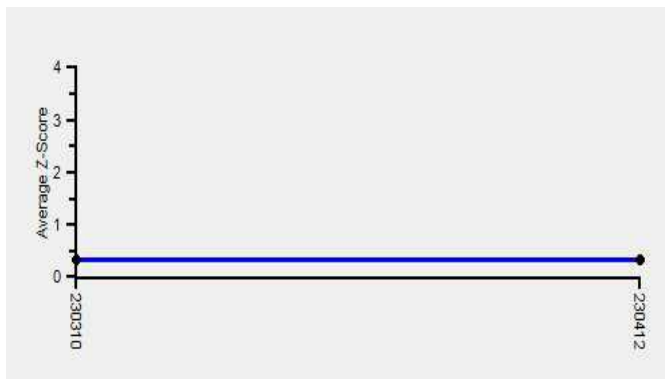
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	355	10.70	2.25	21.01	10
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	41	0.00	0.00	0.00	1
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	15	0.00	0.00	0.00	-
	ERBA XL-640	14	11.14	1.21	10.87	-
	ERBA XL-640	13	0.00	0.00	0.00	-

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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 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, AST, U/L

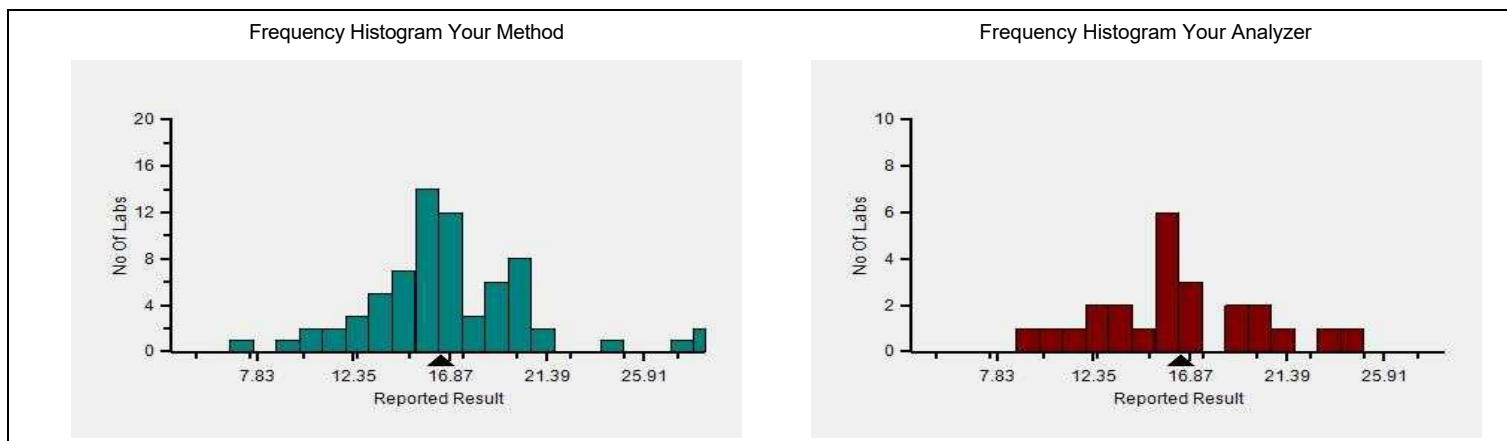
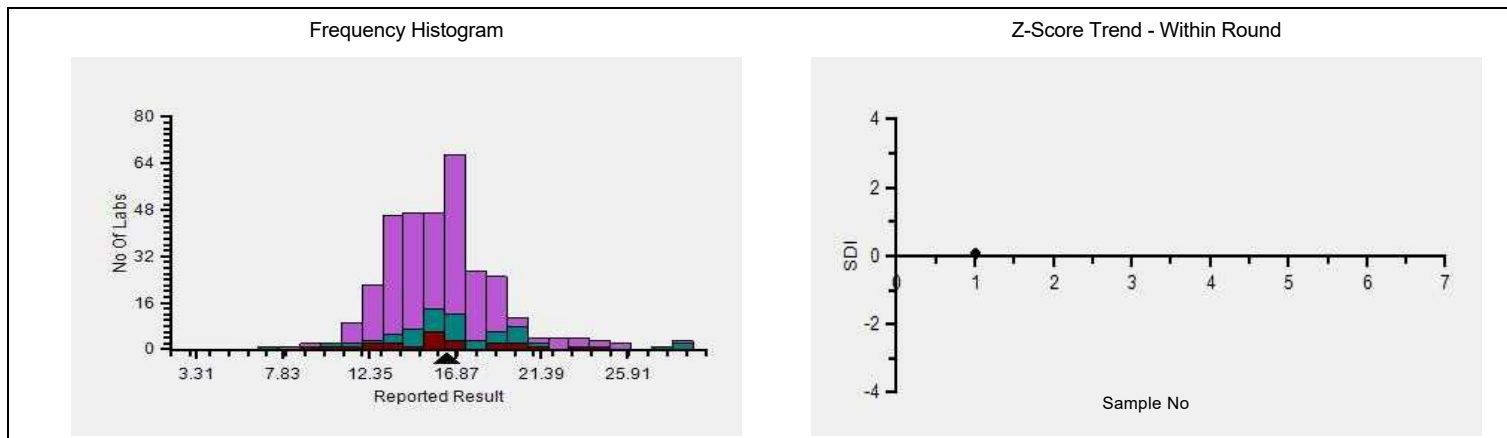
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	354	16.88	4.54	26.87	16
IFCC - (Your Method)	74	--	--	--	4
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

Evaluation Based On - Equipment wise Peer Grouping			
Your Result	16.41	SDI / z-Score	0.09
Assigned Value	16.16	Average SDI	-0.50
SDPA	2.853	Uncertainty of AV	0.53
Standard Unit Result Val	16.41	%DEV	

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Cycle No : 230412

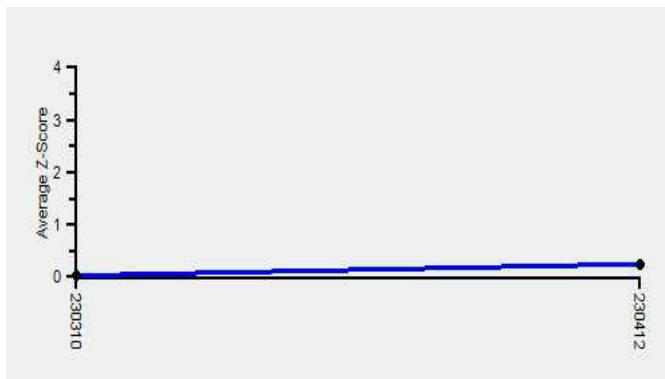
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	354	16.88	4.54	26.87	16
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	40	0.00	0.00	0.00	1
	Roche cobas c 311	36	15.73	1.71	10.89	-
	Roche cobas c 311	35	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	4
	Roche cobas c 111	25	0.00	0.00	0.00	1
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	14	15.93	0.79	4.93	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:
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 - 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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Bilirubin Total, mg/dl

Comparative Statistics

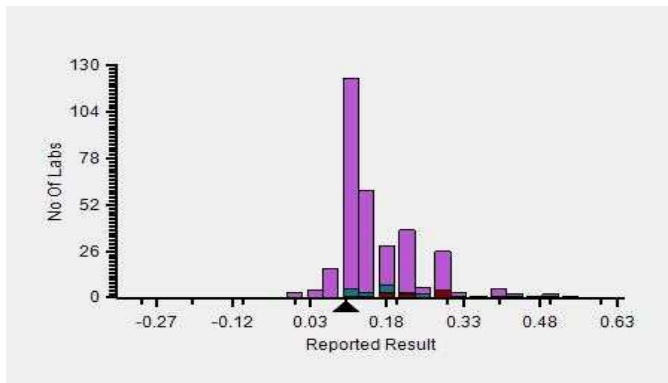
	N	Mean	SD	CV%	Excluded
All Methods	350	0.18	0.16	84.70	23
DCA - (Your Method)	41	--	--	--	1
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

Your Result	0.10	SDI / z-Score	
Assigned Value	#	Average SDI	-0.86
SDPA	#	Uncertainty of AV	
Standard Unit Result Val	0.10 #	%DEV	

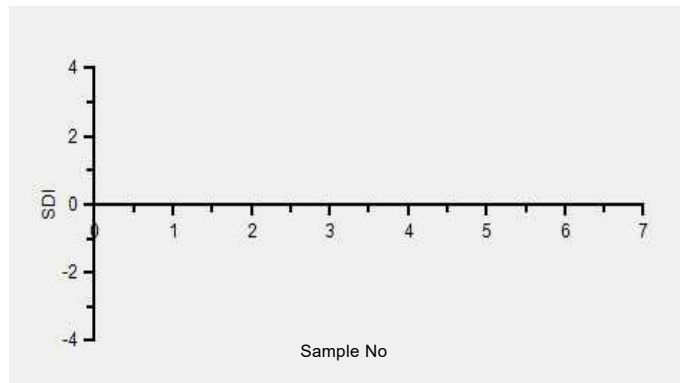
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X : SDI more than 4

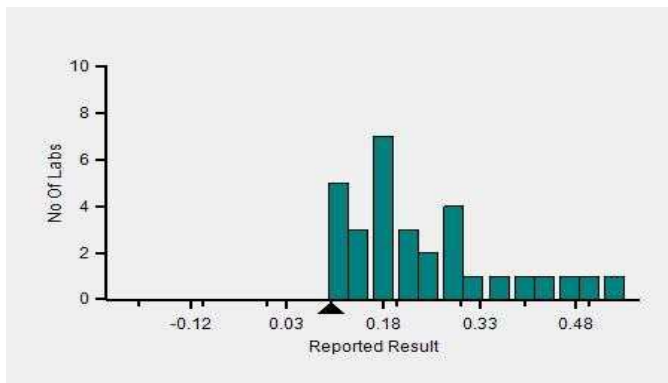
Frequency Histogram



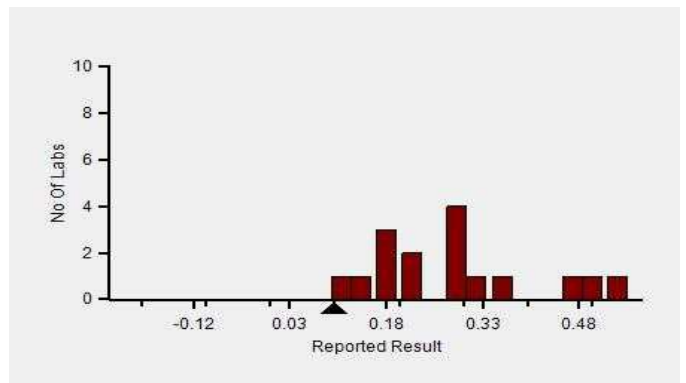
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

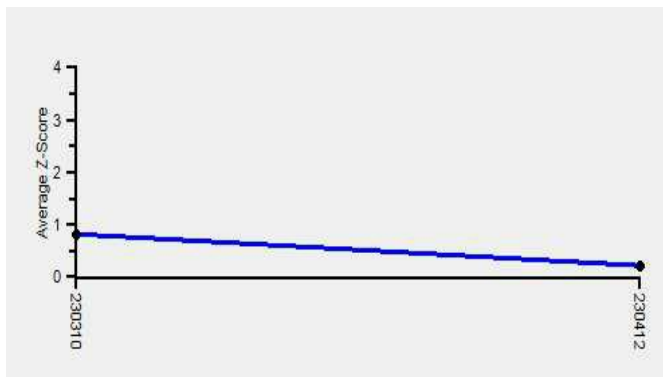
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	350	0.18	0.16	84.24	23
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	39	0.00	0.00	0.00	2
	Roche cobas c 311	37	0.12	0.04	28.69	2
	Roche cobas c 311	36	0.00	0.00	0.00	2
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	3
	Roche cobas c 111	23	0.00	0.00	0.00	1
	Erba XL-200	17	0.00	0.00	0.00	1
	ERBA XL-640	14	0.11	0.03	22.52	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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Calcium, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	322	6.74	0.53	7.92	5
Arsenazo III - (Your Method)	155	--	--	--	1
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

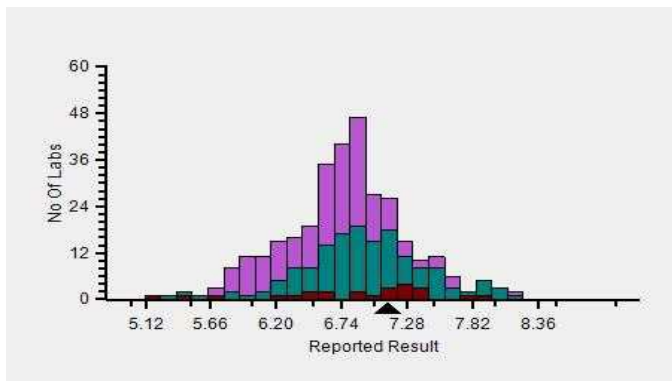
Evaluation Based On - Equipment wise Peer Grouping

Your Result	7.12	SDI / z-Score	0.52
Assigned Value	6.83	Average SDI	-0.20
SDPA	0.550	Uncertainty of AV	0.04
Standard Unit Result Val	7.12	%DEV	

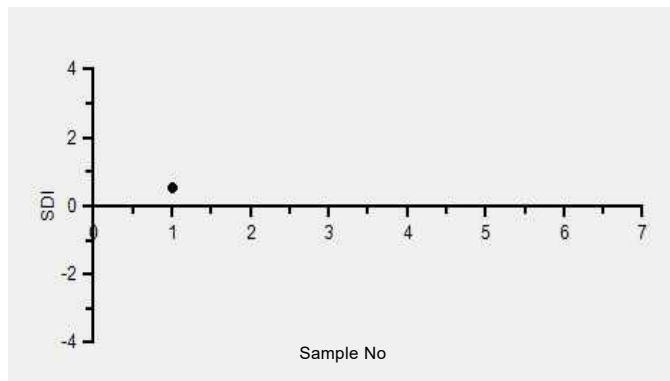
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

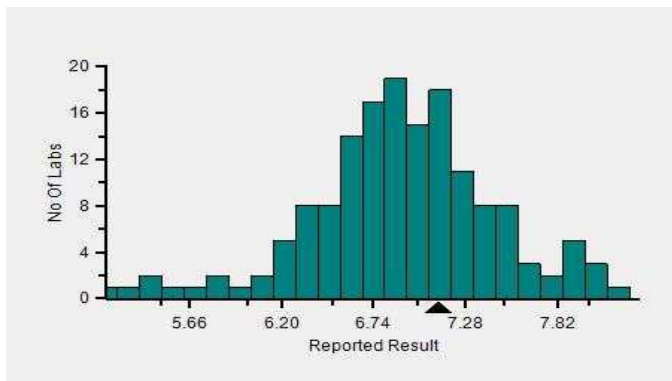
Frequency Histogram



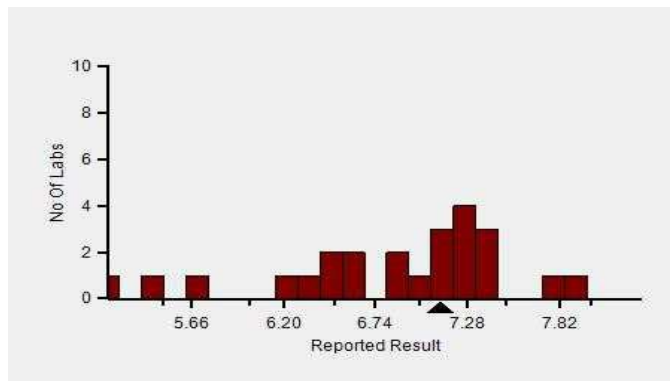
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

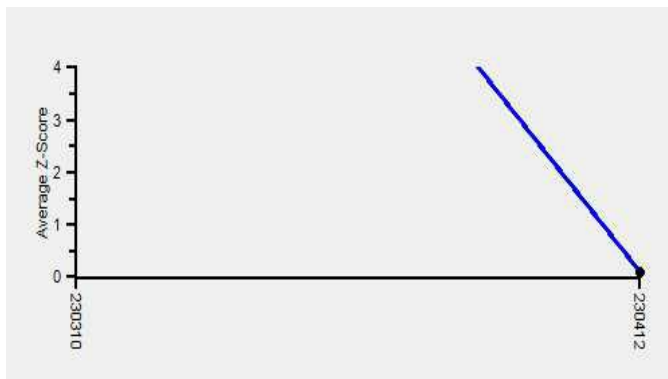
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	6.74	0.53	7.92	5
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Roche cobas c 311	38	6.79	0.28	4.14	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Erba EM 200	35	0.00	0.00	0.00	2
	Fuji Dri-Chem NX500/i	26	0.00	0.00	0.00	-
	Roche cobas c 111	19	0.00	0.00	0.00	-
	Erba XL-200	13	0.00	0.00	0.00	-
	ERBA XL-640	13	7.29	0.62	8.55	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Chloride, mmol/L

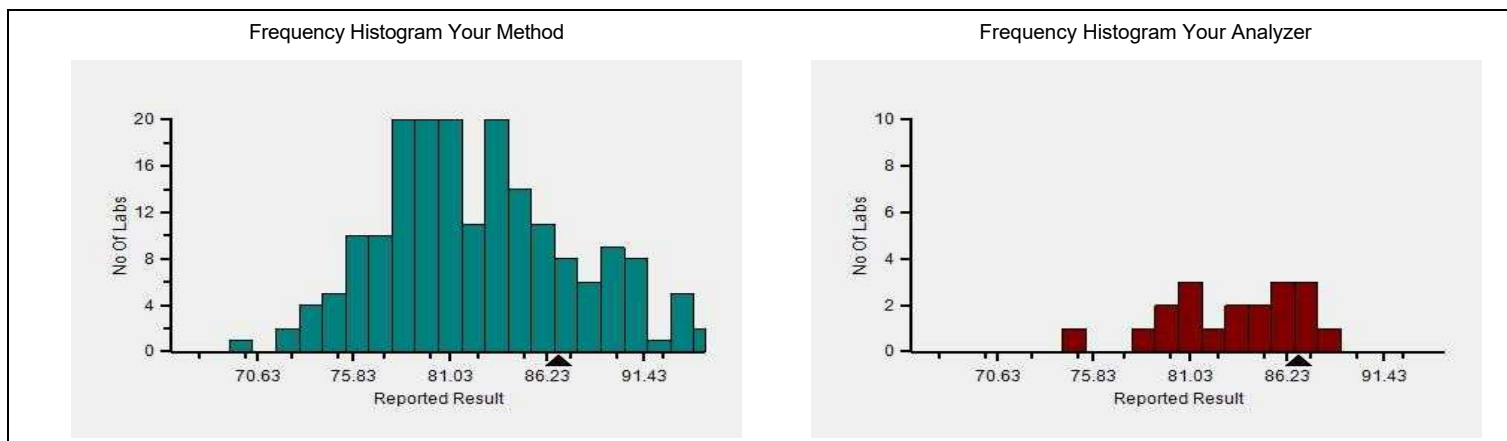
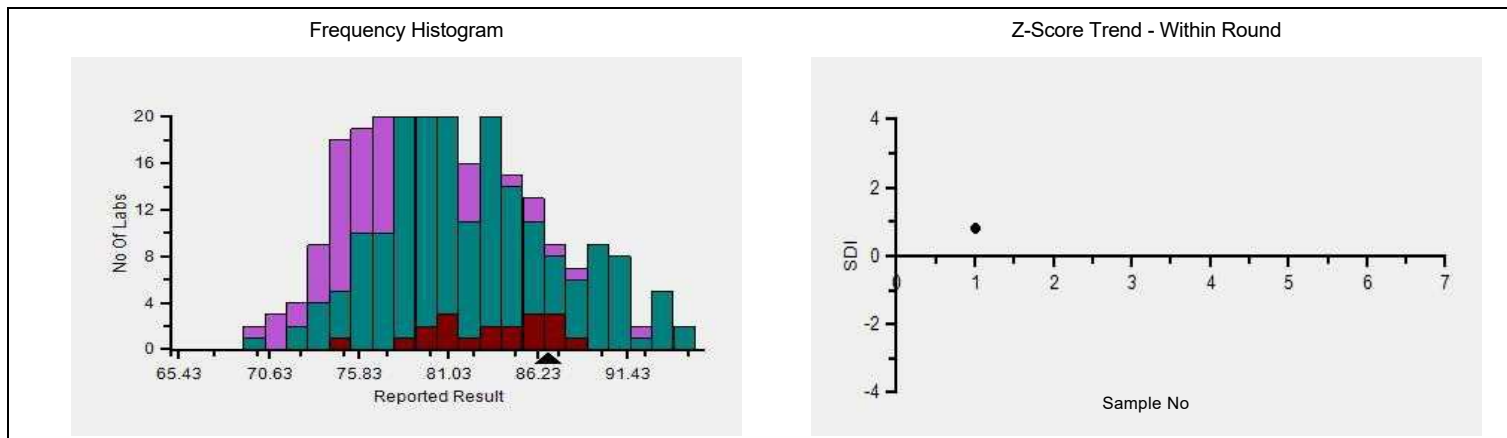
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	310	81.04	5.22	6.44	7
ISE direct - (Your Method)	214	--	--	--	3
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

Evaluation Based On - Method wise Peer Grouping			
Your Result	86.83	SDI / z-Score	0.82
Assigned Value	82.08	Average SDI	0.67
SDPA	5.760	Uncertainty of AV	0.43
Standard Unit Result Val	86.83	%DEV	

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

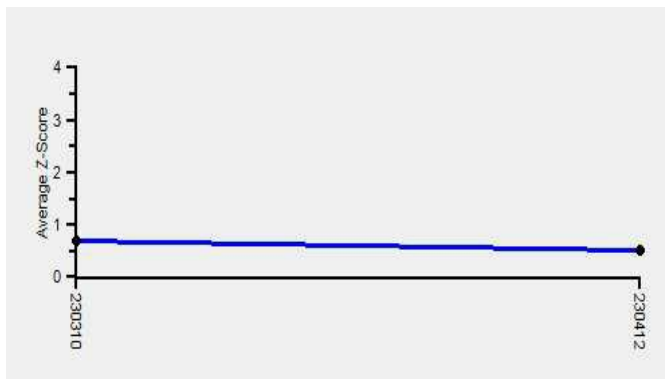
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	310	81.04	5.22	6.44	7
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	-
	Roche cobas c 311	28	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	18	0.00	0.00	0.00	-
	Sensa Core ST200 Aqua	15	0.00	0.00	0.00	3
	Fuji Dri-Chem 4000i	13	0.00	0.00	0.00	-
	Roche AVL 9180	12	0.00	0.00	0.00	-
	EasyLyte	12	81.25	2.82	3.47	-

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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 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Cholesterol, mg/dl

Comparative Statistics

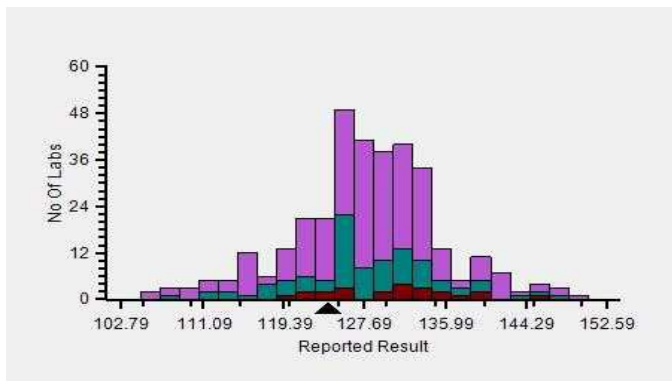
	N	Mean	SD	CV%	Excluded
All Methods	349	127.67	8.33	6.53	8
CHOD-PAP - (Your Method)	112	--	--	--	4
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

Evaluation Based On - Equipment wise Peer Grouping			
Your Result	124.00	SDI / z-Score	-0.70
Assigned Value	130.00	Average SDI	-0.65
SDPA	8.600	Uncertainty of AV	1.03
Standard Unit Result Val	124.00	%DEV	

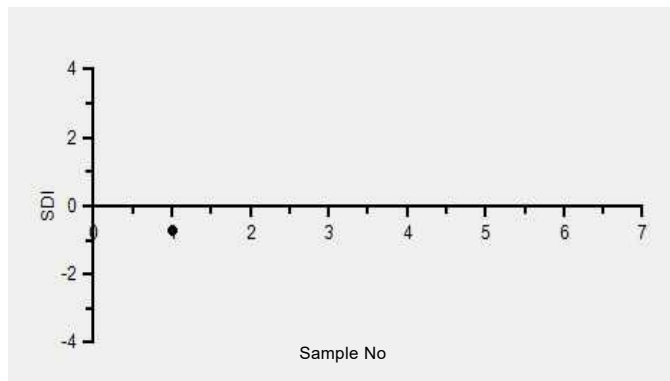
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

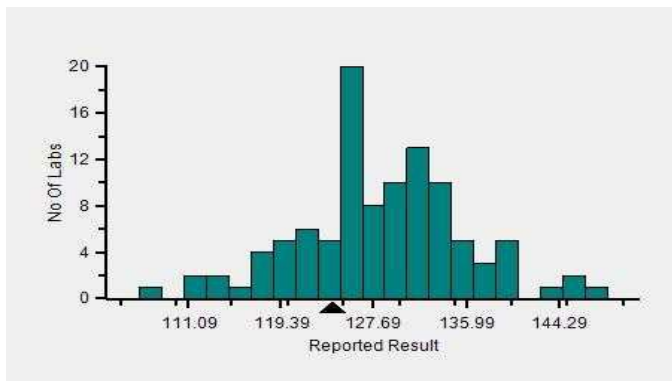
Frequency Histogram



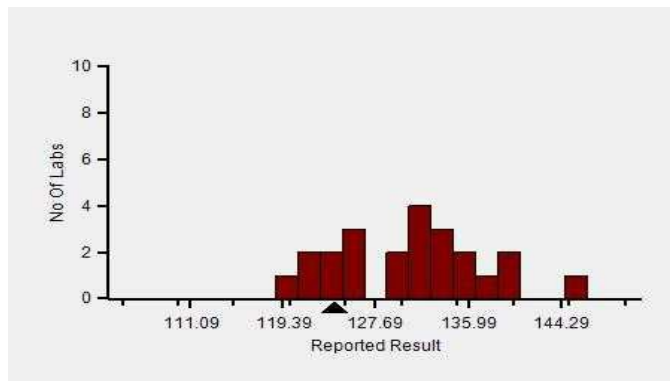
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

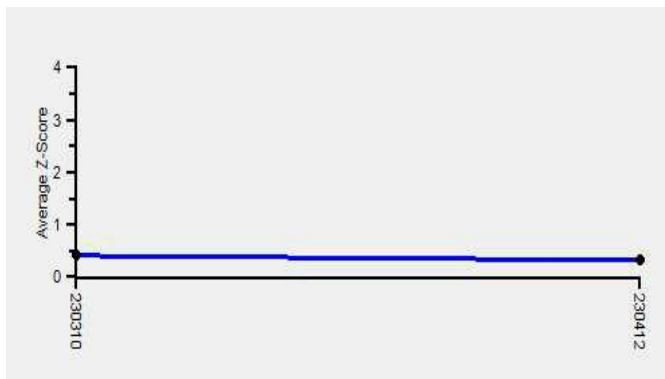
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	349	127.67	8.33	6.53	8
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	38	0.00	0.00	0.00	-
	Roche cobas c 311	38	129.29	4.69	3.63	1
	Roche cobas c 311	37	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	1
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	14	125.46	10.67	8.50	-

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.
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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



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Creatinine, mg/dl

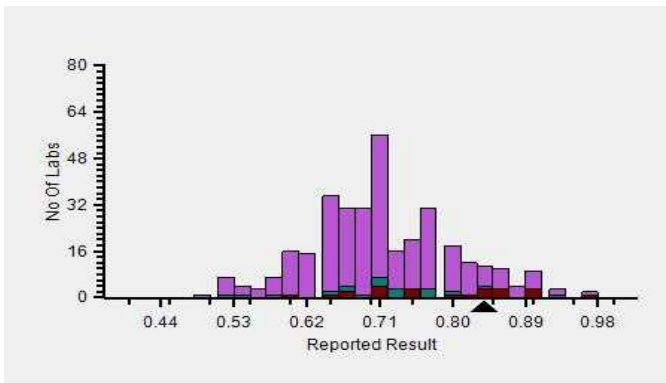
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	354	0.71	0.09	13.06	13
Jaffe - Alkaline picrate - (Your Method)	44	--	--	--	3
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

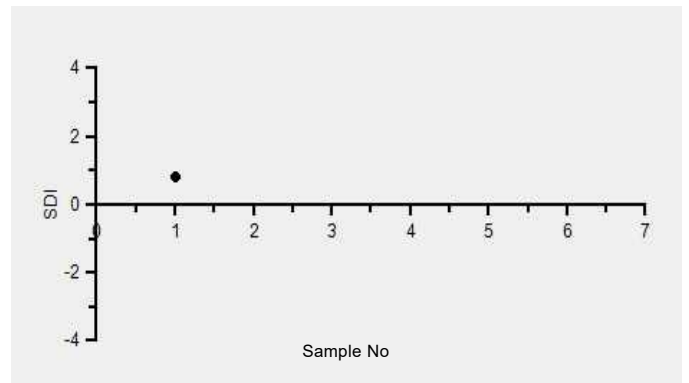
Your Result	0.84	SDI / z-Score	0.81
Assigned Value	0.74	Average SDI	0.85
SDPA	0.124	Uncertainty of AV	0.02
Standard Unit Result Val	0.84	%DEV	

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

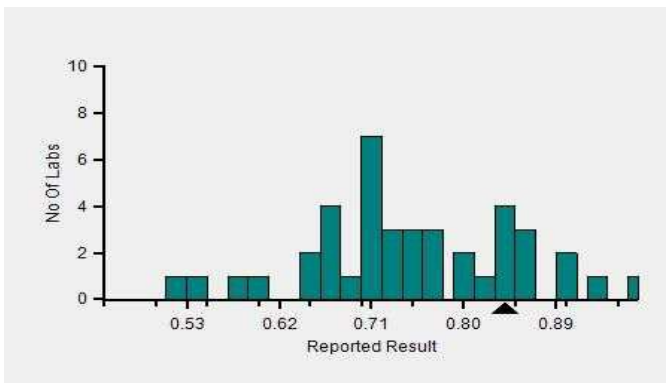
Frequency Histogram



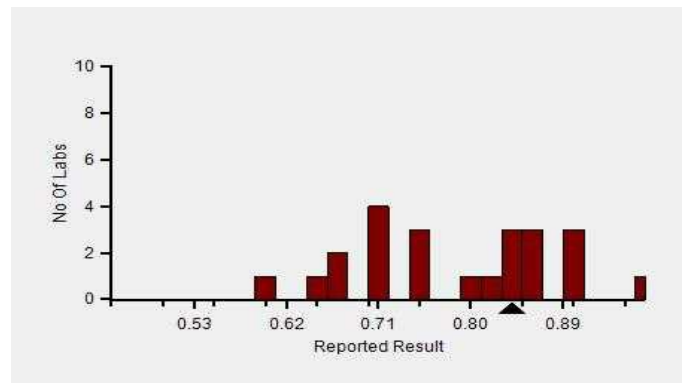
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

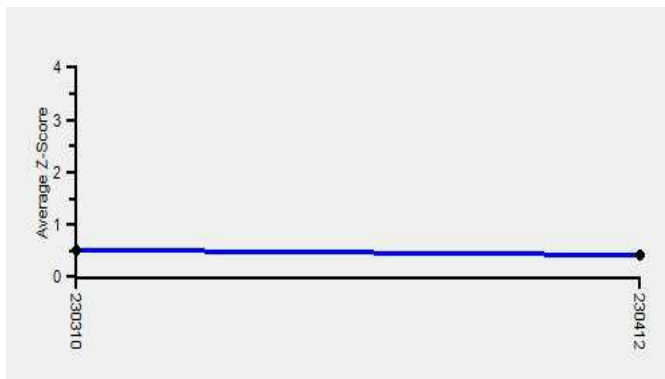
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	354	0.71	0.09	13.06	13
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	40	0.00	0.00	0.00	2
	Roche cobas c 311	38	0.67	0.05	7.89	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	28	0.00	0.00	0.00	1
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	15	0.00	0.00	0.00	-
	ERBA XL-640	13	0.68	0.06	8.81	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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 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, HDL, mg/dl

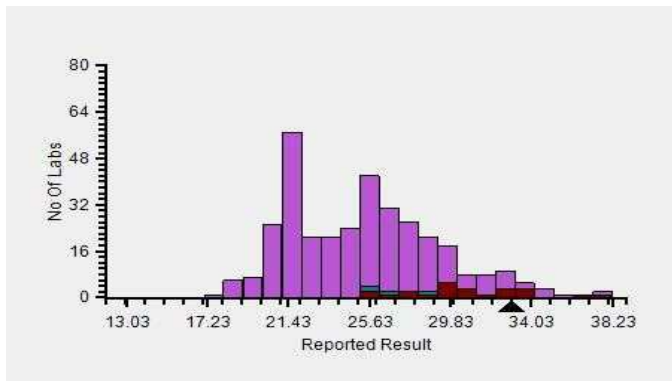
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	339	25.65	4.22	16.46	3
Direct measure, immunoinhibition - (Your Method)	26	--	--	--	--
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

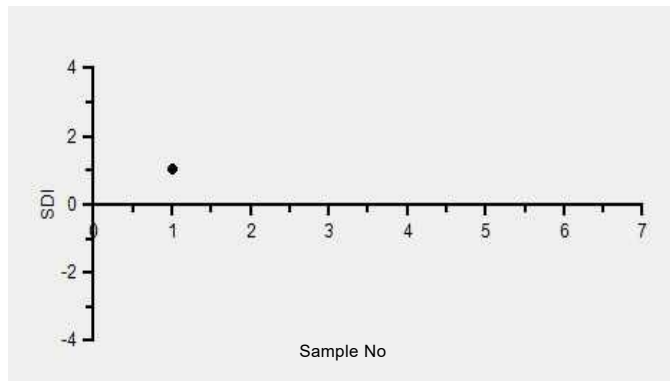
Your Result	33.00	SDI / z-Score	1.03
Assigned Value	27.21	Average SDI	1.03
SDPA	5.600	Uncertainty of AV	0.57
Standard Unit Result Val	33.00	%DEV	

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

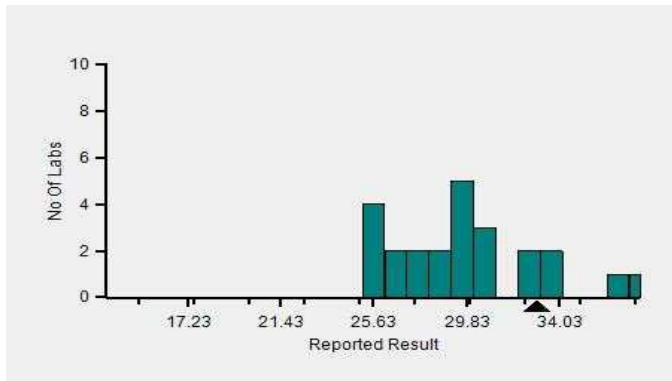
Frequency Histogram



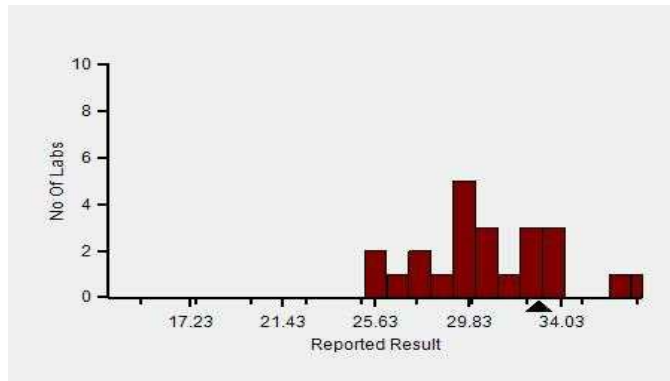
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

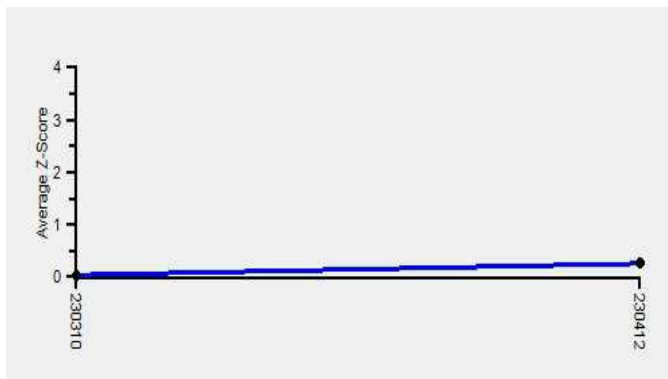
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	339	25.65	4.22	16.46	3
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Roche cobas c 311	39	21.77	1.38	6.35	-
	Roche cobas c 311	38	0.00	0.00	0.00	-
	Erba EM 200	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	-
	ERBA XL-640	14	27.11	3.96	14.60	-

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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- 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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, LDL, mg/dl

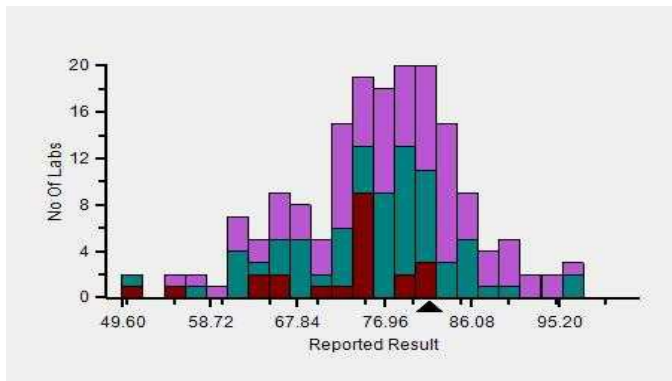
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	186	76.77	9.05	11.79	3
Direct measure - (Your Method)	88	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	23	0.00	0.00	0.00	1

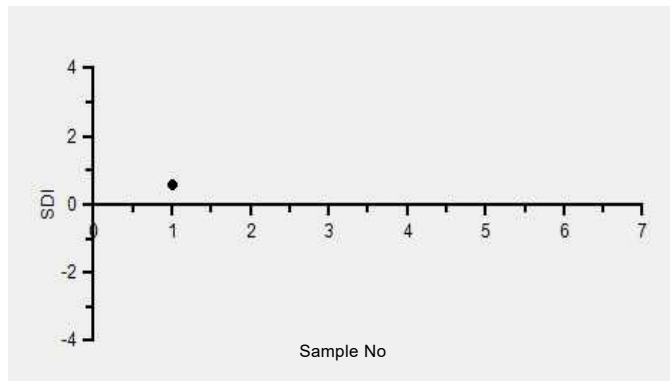
Your Result	81.73	SDI / z-Score	0.59
Assigned Value	76.28	Average SDI	0.56
SDPA	9.300	Uncertainty of AV	1.21
Standard Unit Result Val	81.73	%DEV	

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

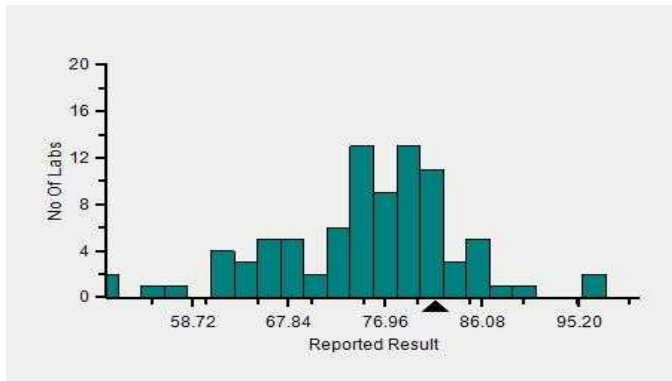
Frequency Histogram



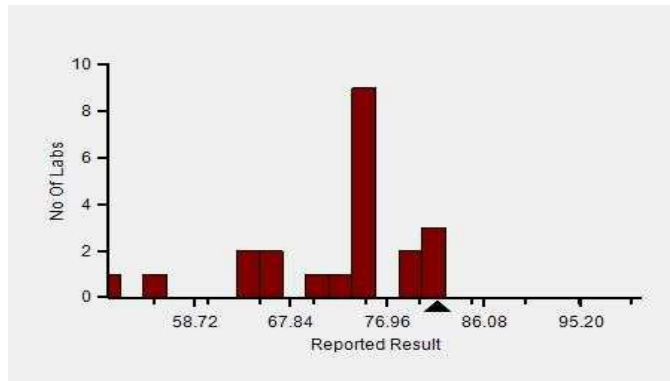
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

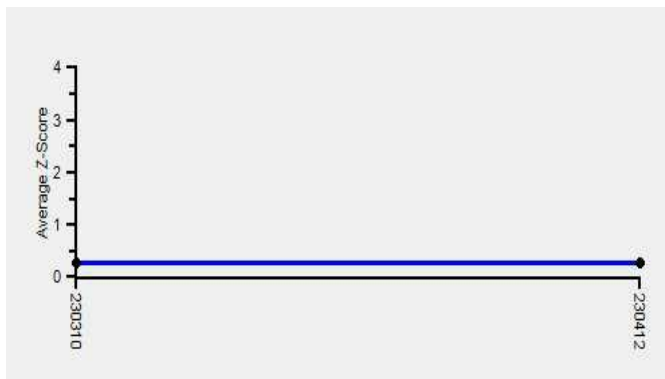
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	186	76.77	9.05	11.79	3
Your Analyzer :	Diasys 200 Pro	23	0.00	0.00	0.00	1
	Roche cobas c 311	28	0.00	0.00	0.00	-
	Erba EM 200	17	0.00	0.00	0.00	-
	Roche cobas 6000	12	0.00	0.00	0.00	-
	ERBA XL-640	10	75.09	9.51	12.66	-
	Beckman Coulter DxC 700 AU	10	0.00	0.00	0.00	-
	ERBA XL-640	9	0.00	0.00	0.00	-
	Roche cobas INTEGRA	9	0.00	0.00	0.00	-

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
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Potassium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	323	3.83	0.18	4.77	4
ISE direct - (Your Method)	229	--	--	--	3
ACCULYTE-3P - (Your Analyzer)	19	0.00	0.00	0.00	--

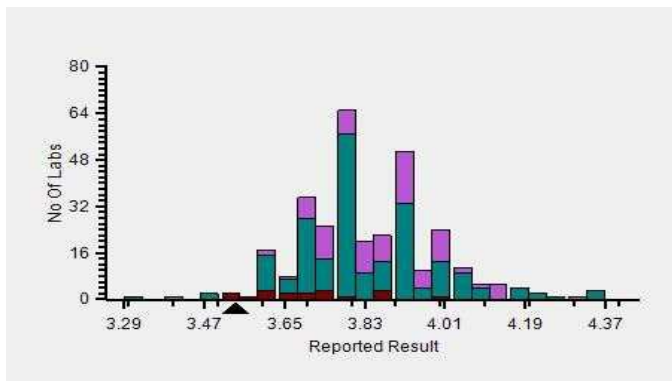
Evaluation Based On - Method wise Peer Grouping

Your Result	3.54	SDI / z-Score	-0.95
Assigned Value	3.82	Average SDI	-1.12
SDPA	0.290	Uncertainty of AV	0.01
Standard Unit Result Val	3.54	%DEV	

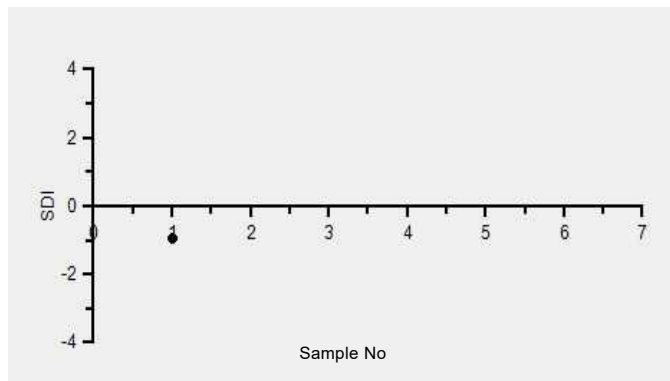
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

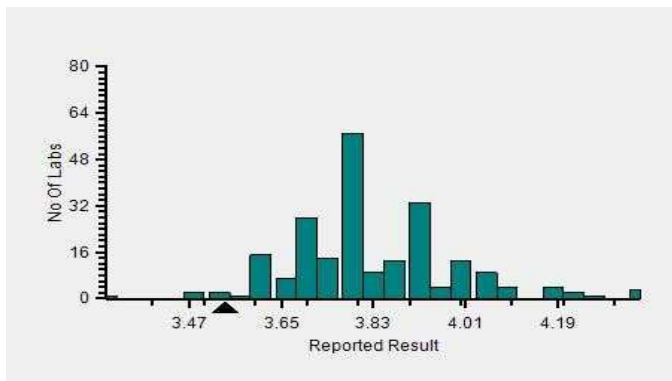
Frequency Histogram



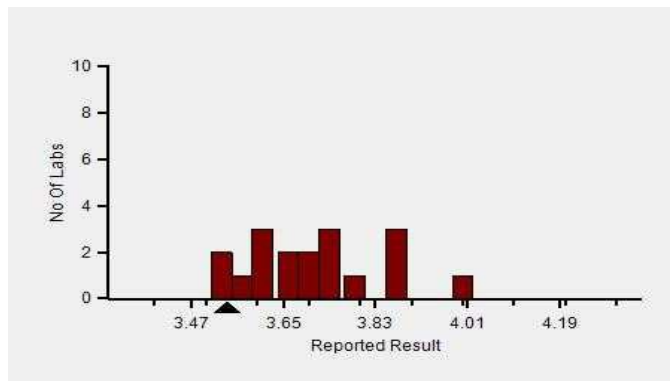
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

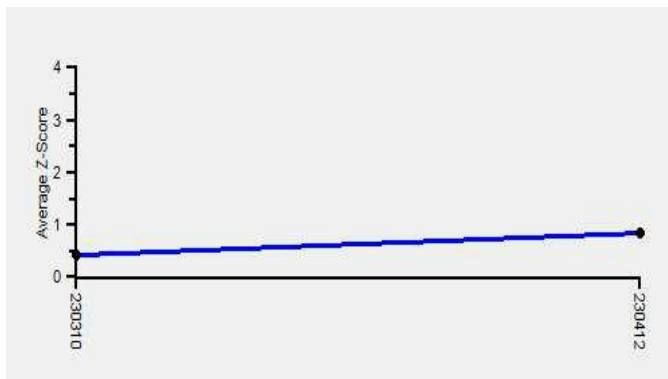
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	323	3.83	0.18	4.77	4
Your Analyzer :	ACCULYTE-3P	19	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	35	0.00	0.00	0.00	-
	Roche cobas c 311	27	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	17	0.00	0.00	0.00	-
	Fuji Dri-Chem 4000i	15	0.00	0.00	0.00	1
	Sensa Core ST200 Aqua	15	0.00	0.00	0.00	1
	Roche AVL 9180	14	0.00	0.00	0.00	1
	EasyLyte	14	3.83	0.12	3.19	-

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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- 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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Sodium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	322	110.71	5.10	4.60	6
ISE direct - (Your Method)	227	--	--	--	3
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

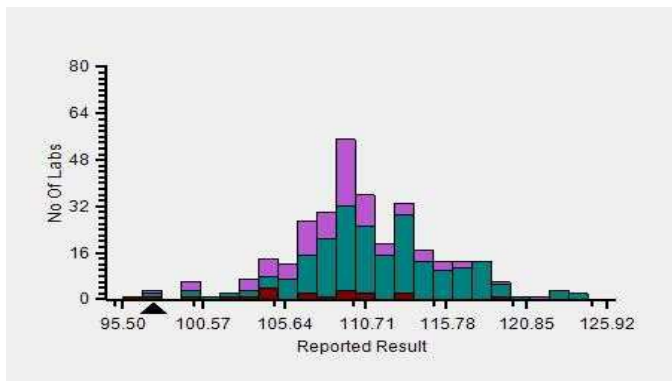
Evaluation Based On - Method wise Peer Grouping

Your Result	97.42	SDI / z-Score	-2.04
Assigned Value	111.40	Average SDI	-2.37
SDPA	6.870	Uncertainty of AV	0.38
Standard Unit Result Val	97.42	%DEV	

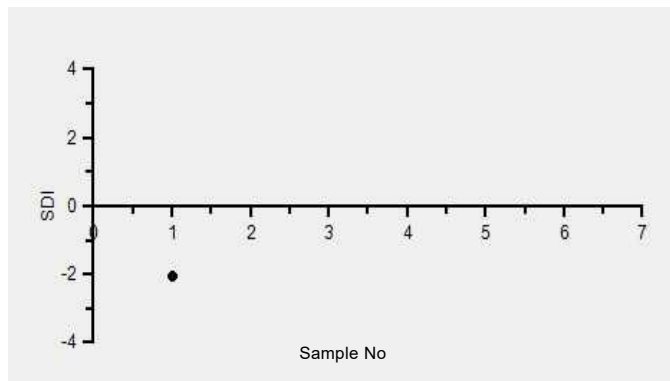
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

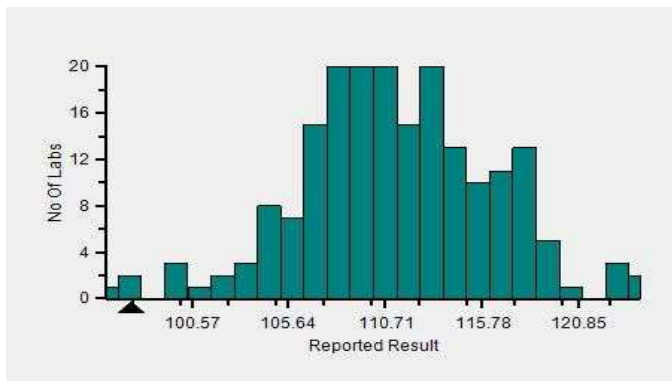
Frequency Histogram



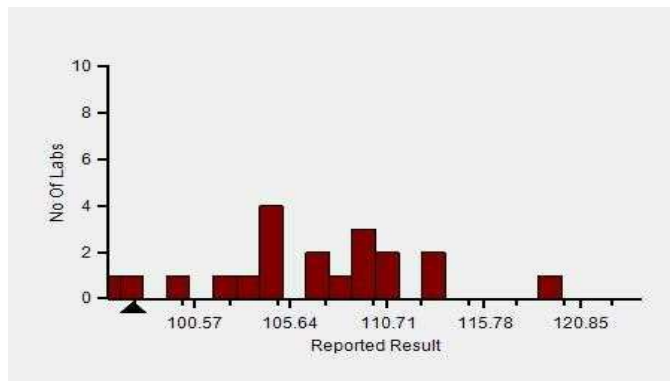
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

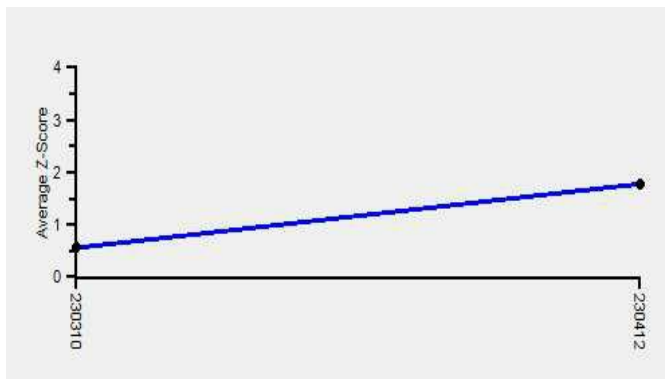
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	110.71	5.10	4.60	6
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	36	0.00	0.00	0.00	-
	Roche cobas c 311	28	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	17	0.00	0.00	0.00	-
	Fuji Dri-Chem 4000i	14	0.00	0.00	0.00	-
	Roche AVL 9180	14	0.00	0.00	0.00	1
	EasyLyte	14	111.89	3.31	2.96	-
	Sensa Core ST200 Aqua	14	0.00	0.00	0.00	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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Total Protein, g/dL

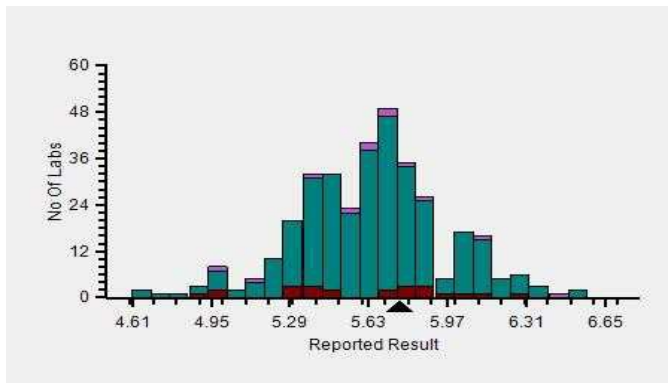
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	351	5.62	0.33	5.94	7
Biuret - (Your Method)	336	--	--	--	5
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

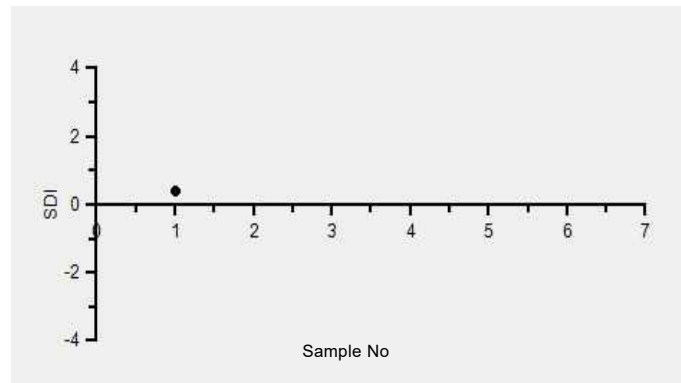
Your Result	5.76	SDI / z-Score	0.40
Assigned Value	5.60	Average SDI	0.60
SDPA	0.410	Uncertainty of AV	0.04
Standard Unit Result Val	5.76	%DEV	

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

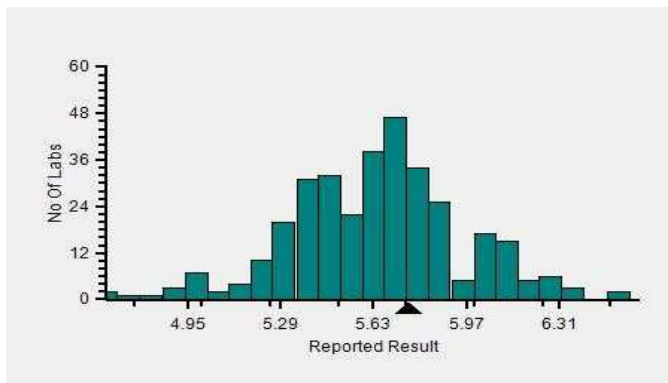
Frequency Histogram



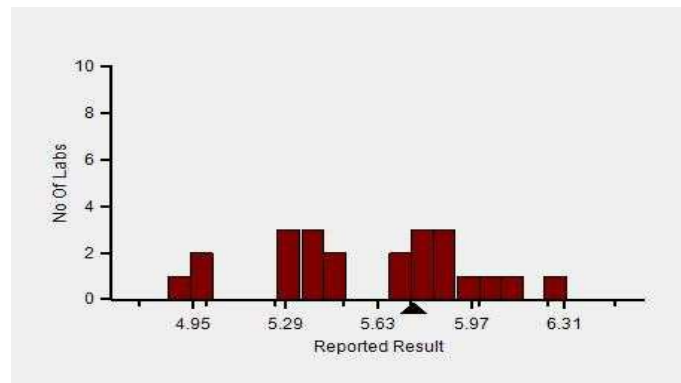
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

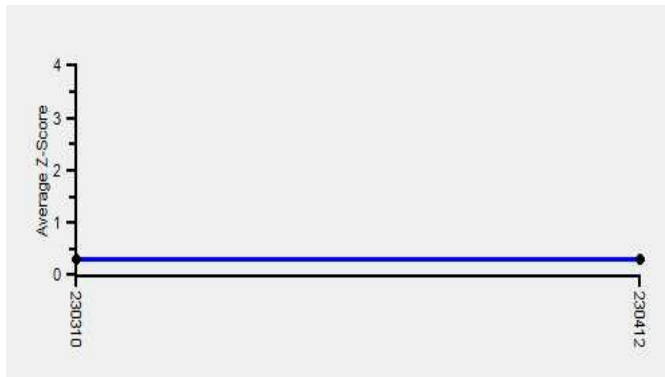
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	351	5.62	0.33	5.94	7
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	40	0.00	0.00	0.00	1
	Roche cobas c 311	38	5.68	0.14	2.48	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	1
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	14	5.58	0.30	5.38	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Triglycerides, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	346	126.98	13.55	10.67	6
Colorimetric enzymatic - GPO - (Your Method)	34	--	--	--	--
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

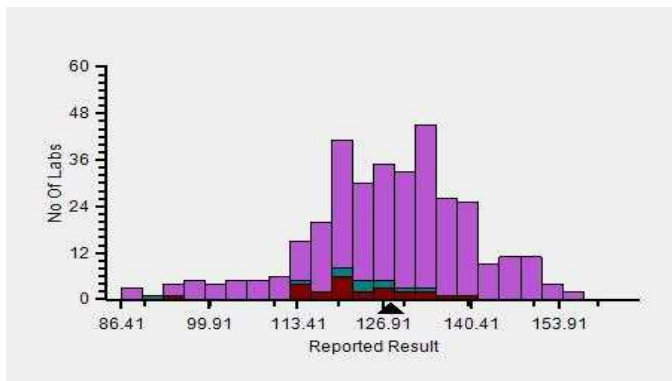
Evaluation Based On - Equipment wise Peer Grouping

Your Result	128.00	SDI / z-Score	0.31
Assigned Value	123.31	Average SDI	-0.08
SDPA	14.980	Uncertainty of AV	1.75
Standard Unit Result Val	128.00	%DEV	

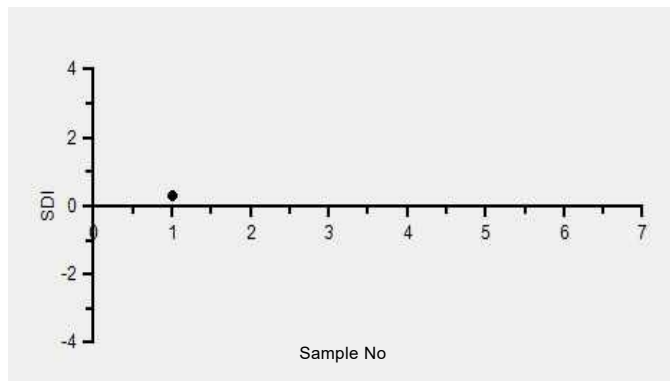
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

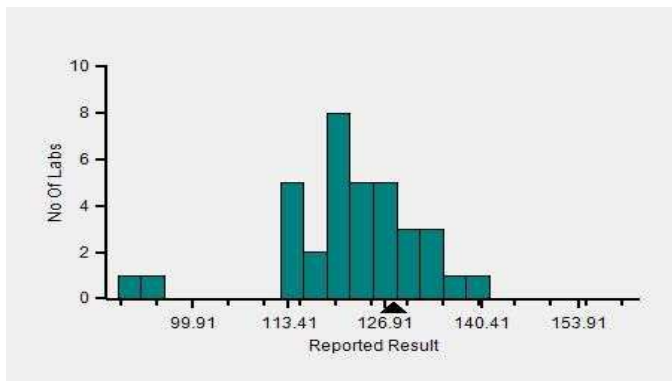
Frequency Histogram



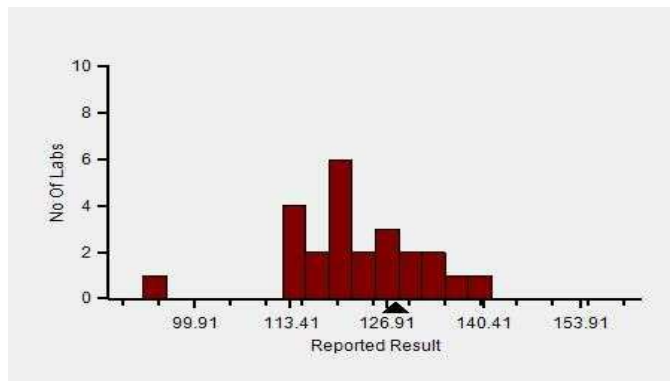
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

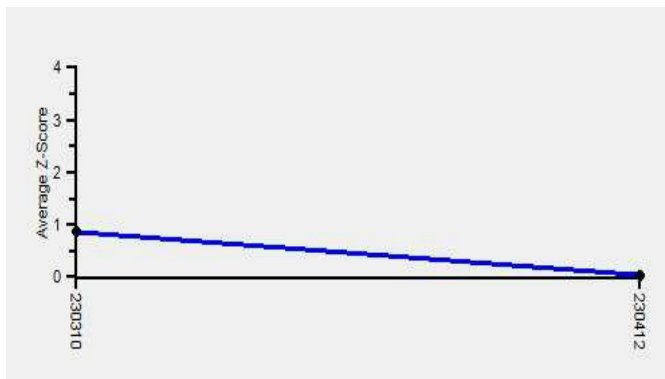
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 01

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	346	126.98	13.55	10.67	6
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Roche cobas c 311	38	129.10	8.86	6.87	1
	Erba EM 200	37	0.00	0.00	0.00	-
	Roche cobas c 311	37	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	18	0.00	0.00	0.00	-
	ERBA XL-640	14	124.84	10.99	8.81	-

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.

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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



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Urea, mg/dl

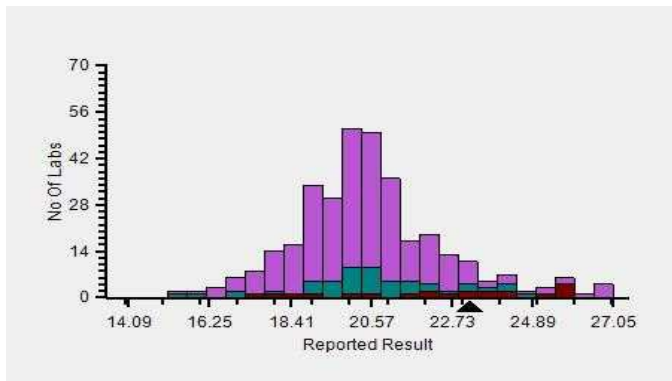
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	355	20.57	2.17	10.57	15
Urease, UV - (Your Method)	77	--	--	--	6
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

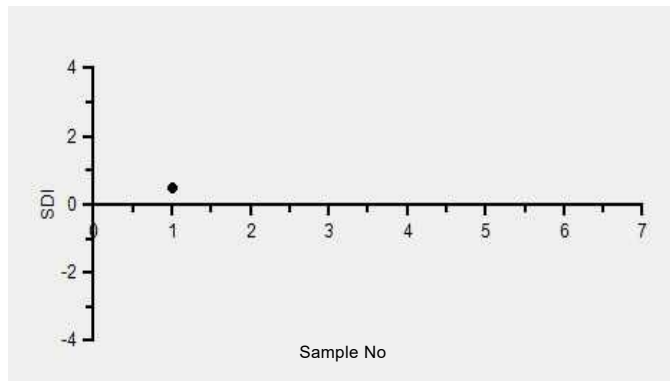
Your Result	23.20	SDI / z-Score	0.48
Assigned Value	21.89	Average SDI	0.54
SDPA	2.715	Uncertainty of AV	0.44
Standard Unit Result Val	23.20	%DEV	

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

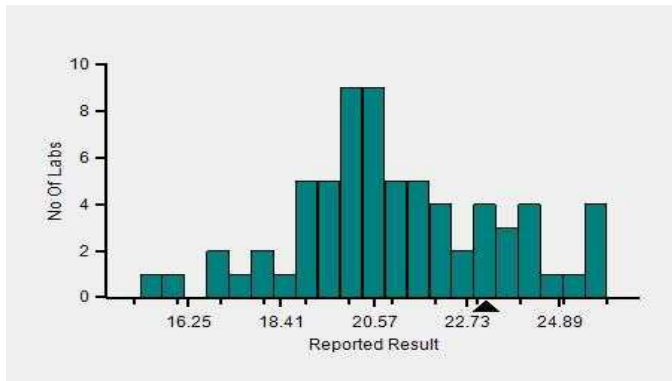
Frequency Histogram



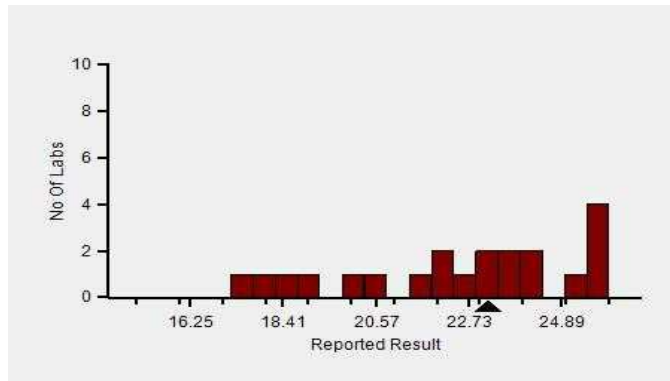
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

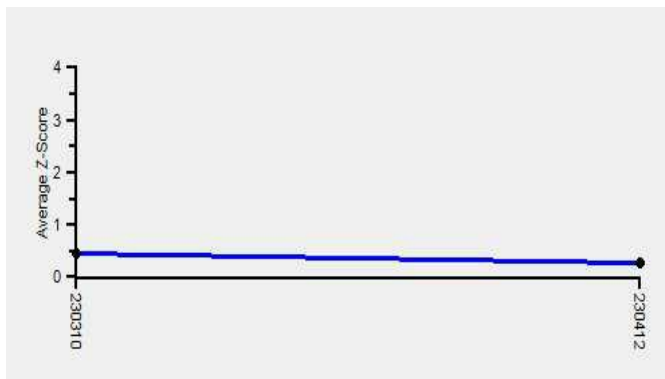
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	355	20.57	2.17	10.57	15
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	40	0.00	0.00	0.00	1
	Roche cobas c 311	38	20.23	0.94	4.64	1
	Roche cobas c 311	37	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	1
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	18	0.00	0.00	0.00	1
	ERBA XL-640	14	20.73	2.12	10.23	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Uric Acid, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	348	3.85	0.34	8.91	9
Uricase - (Your Method)	77	--	--	--	1
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

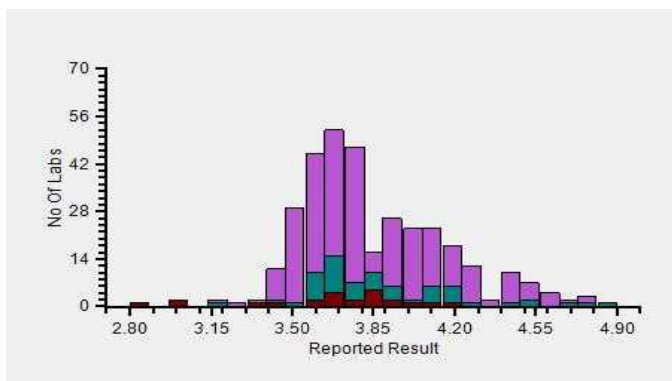
Evaluation Based On - Equipment wise Peer Grouping

Your Result	2.48	SDI / z-Score	-2.99
Assigned Value	3.86	Average SDI	-3.11
SDPA	0.460	Uncertainty of AV	0.05
Standard Unit Result Val	2.48	%DEV	

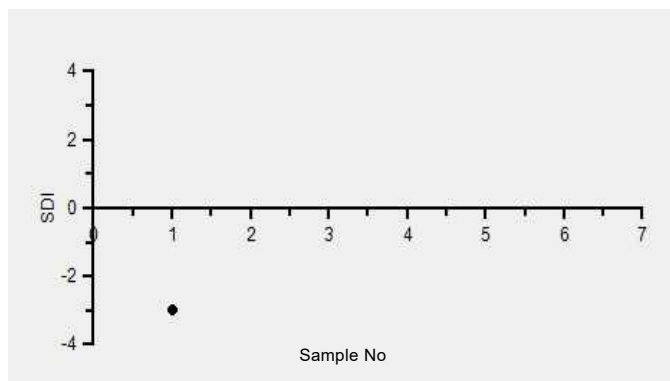
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

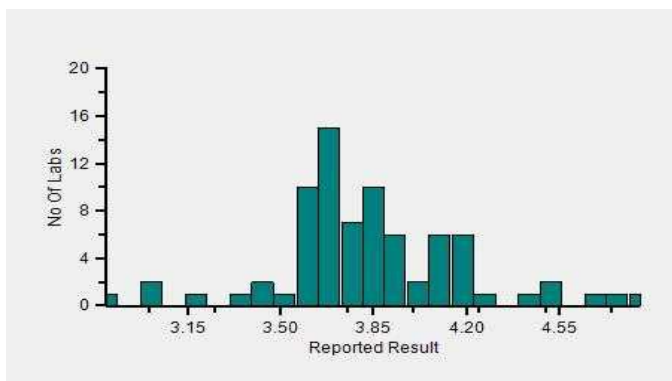
Frequency Histogram



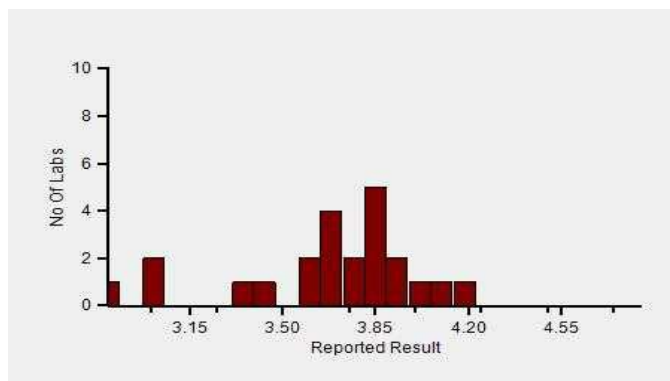
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

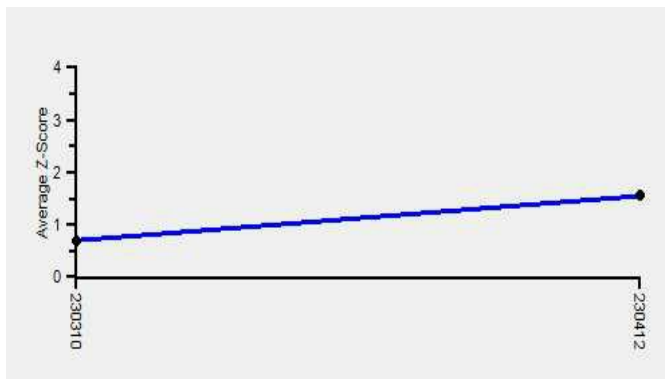
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	348	3.85	0.34	8.91	9
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	38	0.00	0.00	0.00	1
	Roche cobas c 311	37	3.62	0.11	3.06	1
	Roche cobas c 311	36	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	28	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	-
	ERBA XL-640	14	4.04	0.52	12.94	-

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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- 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

Dr Puneet Kumar Nigam

Dr Puneet Kumar Nigam
PT coordinator & Technical Manager, MHL EQAS

Unit No. 409-416.
Commercial Building - 1A
Kohinoor Mall, Kiroil Road, Kurla (W),
Mumbai - 400070

This is a computer generated report hence signature is not required



PC-1022



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, RAJPURA (1053)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 02

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Uric Acid	Diasys 200 Pro	2.54	mg/dl	-3.22
! Sodium	ACCULYTE-3P	100.75	mmol/L	-2.19
Legend @ : z score ≤ 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score ≥ 3 - Unacceptable # : Not Evaluated Ⓞ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

Instrument : Diasys 200 Pro

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	69.80	72.36	-0.10	-0.10
@ Urea	mg/dl	23.50	22.82	0.61	-0.07
@ Creatinine	mg/dl	0.92	0.84	0.88	0.03
@ Bilirubin Total	mg/dl	0.40	0.61	-0.86	0.40
@ Bilirubin Direct	mg/dl	0.20	0.14	1.74	1.40
@ Total Protein	g/dL	6.45	6.04	0.79	0.07
@ Albumin	g/dL	3.60	3.66	0.48	-4.93
X Uric Acid	mg/dl	2.54	3.85	-3.22	-1.66
@ Calcium	mg/dl	5.86	6.18	-0.91	8.15
@ Cholesterol	mg/dl	123.00	126.61	-0.59	-0.63
@ Triglycerides	mg/dl	141.00	144.28	-0.47	-0.68
@ LDL	mg/dl	86.95	77.25	0.54	0.08
@ ALP	U/L	36.02	41.55	-0.96	-0.09

Instrument : ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	90.15	87.53	0.84	0.68
! Sodium	mmol/L	100.75	108.73	-2.19	-1.46
@ Potassium	mmol/L	3.73	3.88	-1.15	-0.77

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

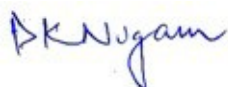
X : z score ≥ 3 - Unacceptable

: Not Evaluated

⊙ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	16
Not Evaluated Parameters	0
Evaluated Parameters	16
Outlier Parameters (X)	1
EQAS Score Biochemistry	93.75 %



Dr Puneet Kumar Nigam
PT coordinator & Technical Manager, MHL EQAS

Unit No. 409-416.

Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Albumin, g/dL

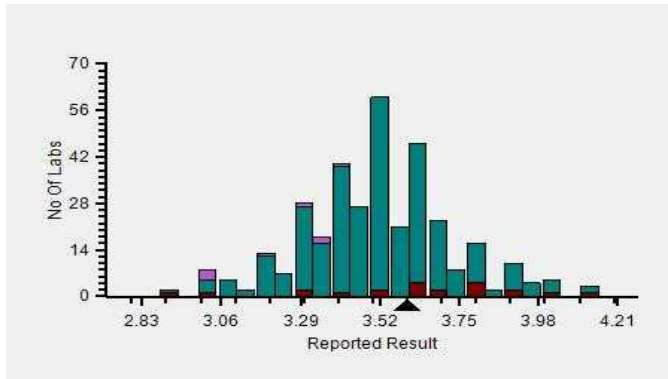
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	354	3.52	0.23	6.65	3
Bromcresol Green (BCG) - (Your Method)	345	--	--	--	3
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

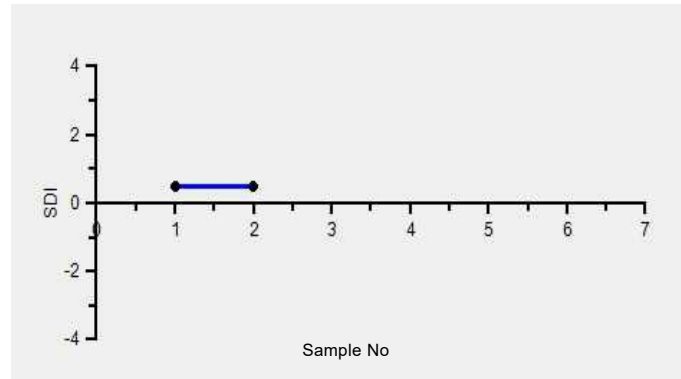
Your Result	3.60	SDI / z-Score	0.48
Assigned Value	3.45	Average SDI	0.48
SDPA	0.320	Uncertainty of AV	0.03
Standard Unit Result Val	3.60	%DEV	

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

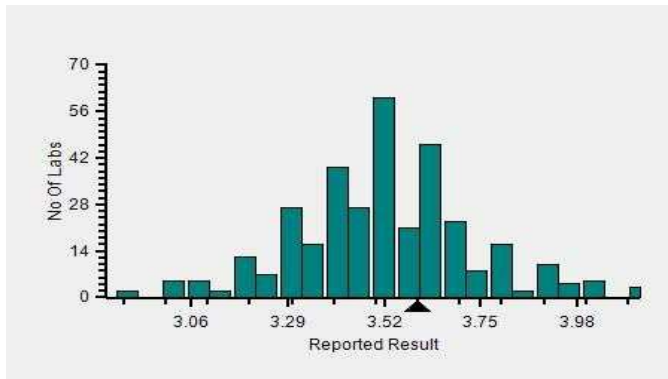
Frequency Histogram



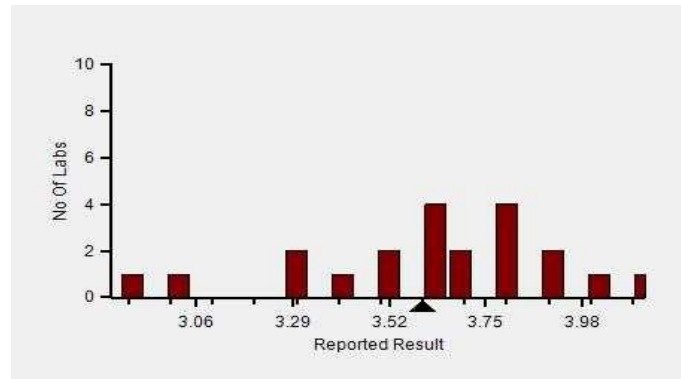
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	354	3.52	0.23	6.65	3
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	40	0.00	0.00	0.00	-
	Roche cobas c 311	38	3.50	0.16	4.42	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	-
	ERBA XL-640	12	3.62	0.15	4.20	-

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



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, ALP, U/L

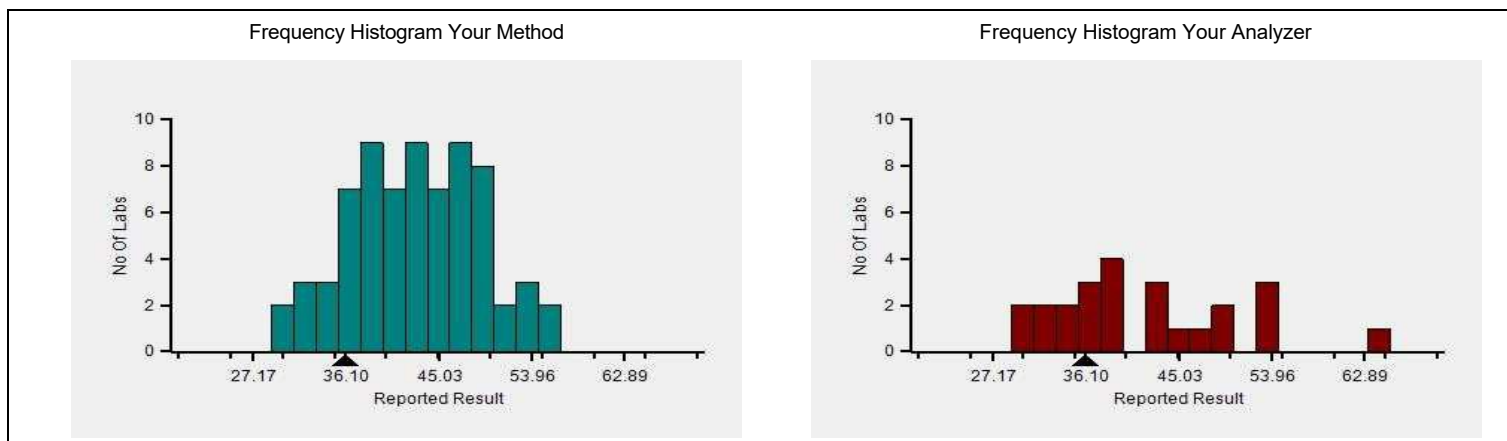
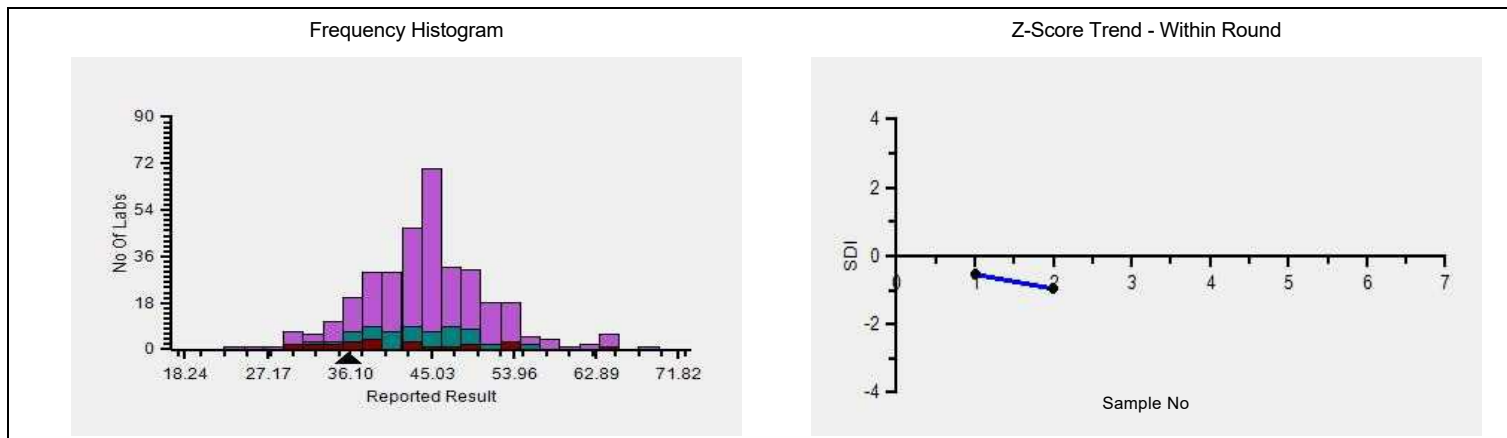
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	350	45.02	8.96	19.91	8
IFCC - (Your Method)	74	--	--	--	4
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

Evaluation Based On - Method wise Peer Grouping			
Your Result	36.02	SDI / z-Score	-0.96
Assigned Value	44.07	Average SDI	-0.75
SDPA	8.400	Uncertainty of AV	0.41
Standard Unit Result Val	36.02	%DEV	

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

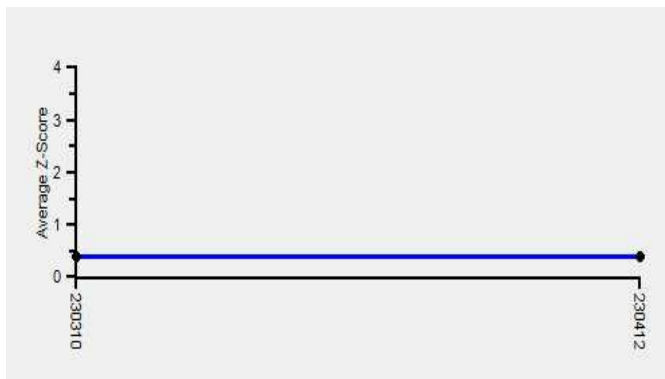
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	350	45.02	8.96	19.91	8
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	39	0.00	0.00	0.00	2
	Roche cobas c 311	37	47.34	4.05	8.56	-
	Roche cobas c 311	36	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	13	41.46	7.41	17.88	-

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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 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Bilirubin Direct, mg/dl

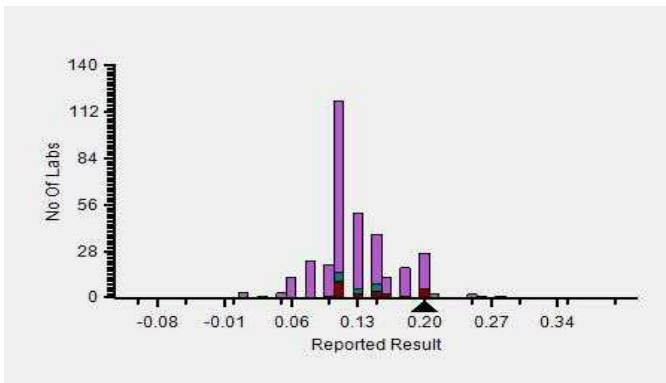
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	346	0.13	0.07	53.91	15
DCA - (Your Method)	38	--	--	--	1
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

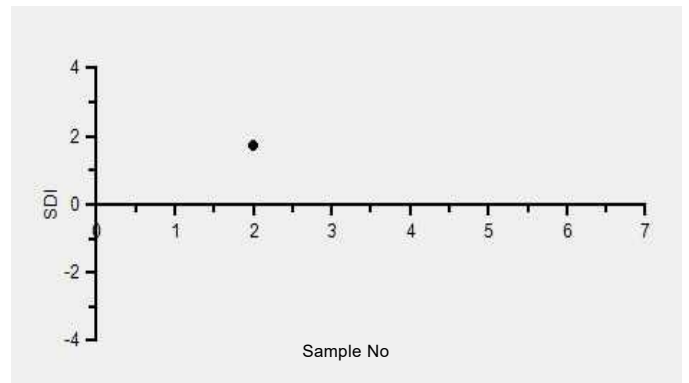
Your Result	0.20	SDI / z-Score	1.74
Assigned Value	0.13	Average SDI	1.74
SDPA	0.039	Uncertainty of AV	0.01
Standard Unit Result Val	0.20	%DEV	

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

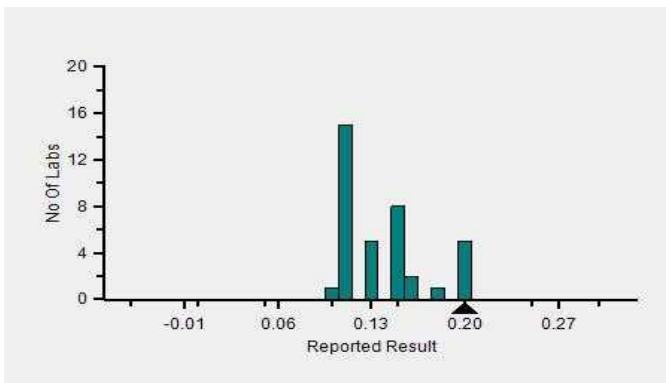
Frequency Histogram



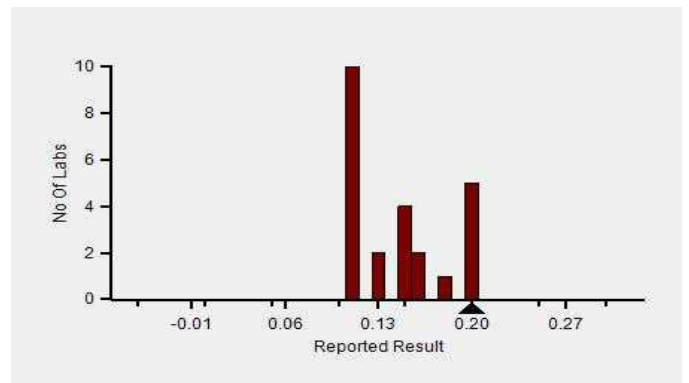
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

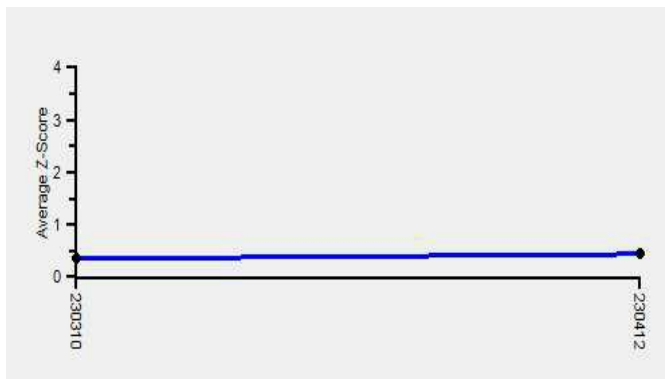
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Bilirubin Direct		N	Mean	SD	CV%	Excluded
	All Analyzer	346	0.13	0.07	53.49	15
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	38	0.00	0.00	0.00	1
	Roche cobas c 311	38	0.12	0.04	33.33	2
	Roche cobas c 311	37	0.00	0.00	0.00	2
	Fuji Dri-Chem NX500/i	33	0.00	0.00	0.00	1
	Roche cobas c 111	22	0.00	0.00	0.00	-
	ERBA XL-640	12	0.11	0.03	28.07	-
	Roche cobas 6000	12	0.00	0.00	0.00	-

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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 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Bilirubin Total, mg/dl

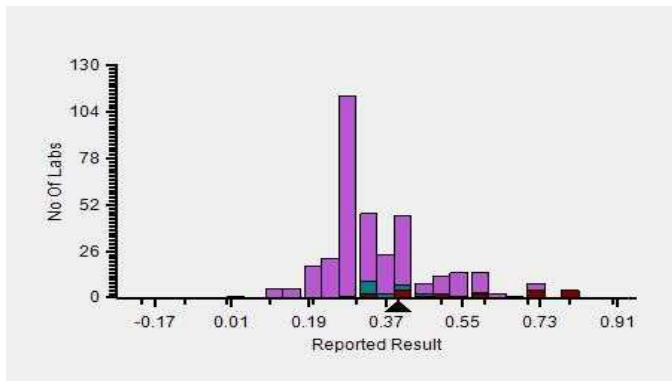
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	354	0.37	0.18	47.31	5
DCA - (Your Method)	41	--	--	--	1
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

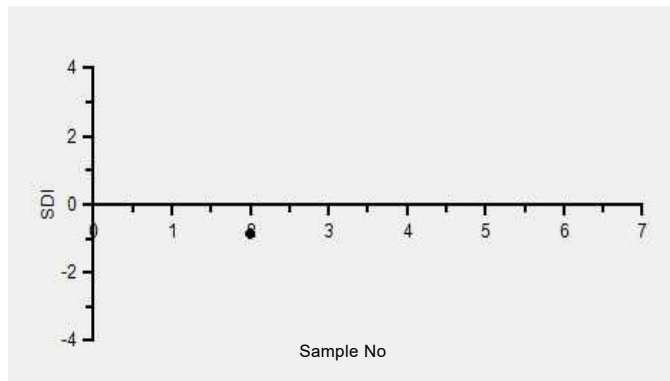
Your Result	0.40	SDI / z-Score	-0.86
Assigned Value	0.58	Average SDI	-0.86
SDPA	0.211	Uncertainty of AV	0.05
Standard Unit Result Val	0.40	%DEV	

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

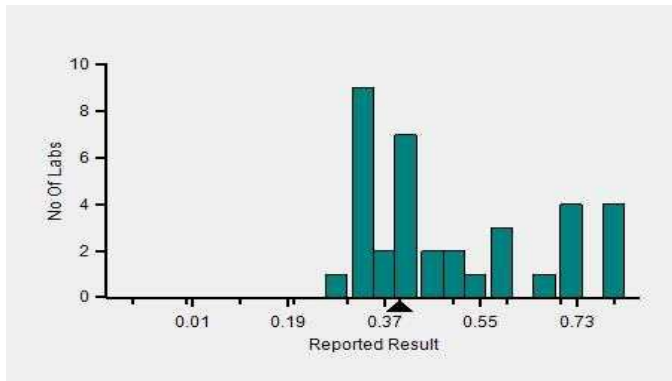
Frequency Histogram



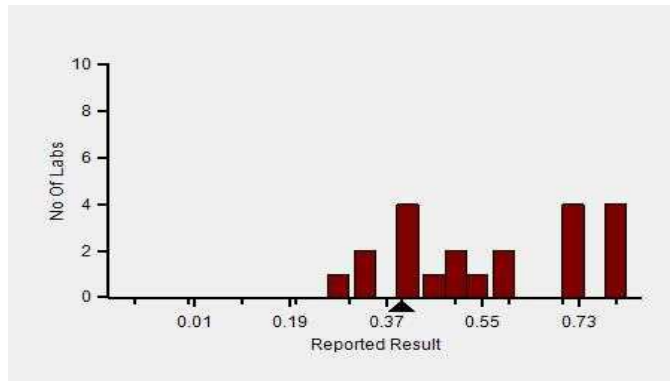
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

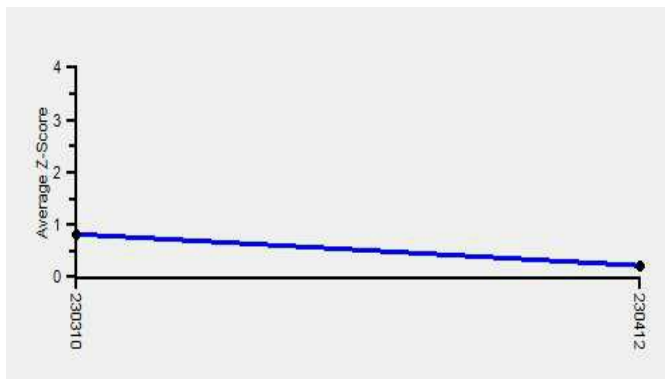
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	354	0.37	0.18	47.19	5
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	38	0.00	0.00	0.00	-
	Roche cobas c 311	38	0.27	0.05	18.25	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	2
	ERBA XL-640	13	0.31	0.03	9.00	-

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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- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Calcium, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	322	6.25	0.63	10.15	8
Arsenazo III - (Your Method)	155	--	--	--	4
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	2

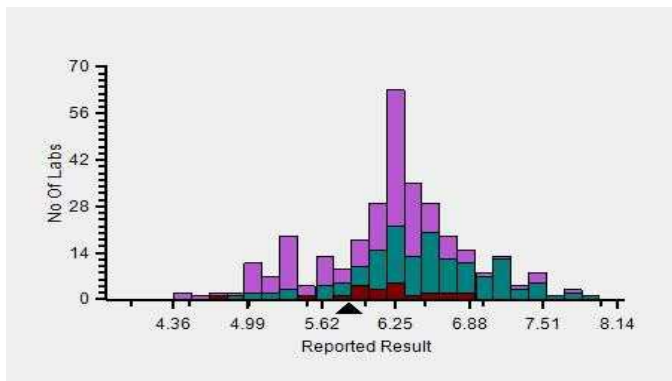
Evaluation Based On - Equipment wise Peer Grouping

Your Result	5.86	SDI / z-Score	-0.91
Assigned Value	6.38	Average SDI	-0.20
SDPA	0.570	Uncertainty of AV	0.05
Standard Unit Result Val	5.86	%DEV	

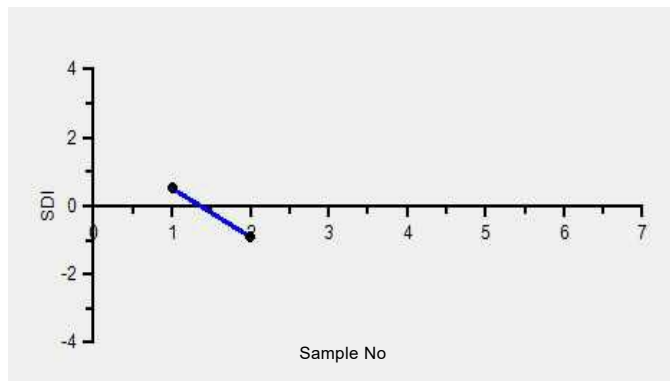
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

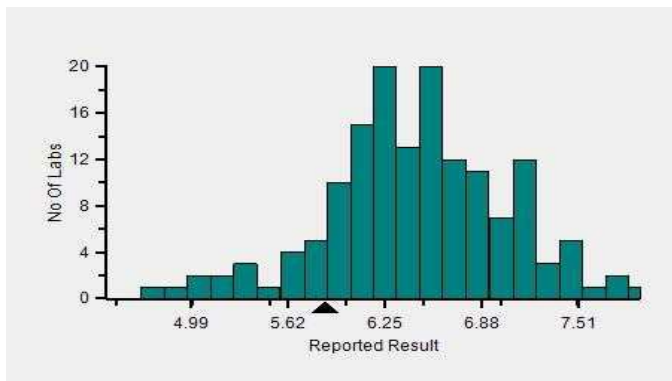
Frequency Histogram



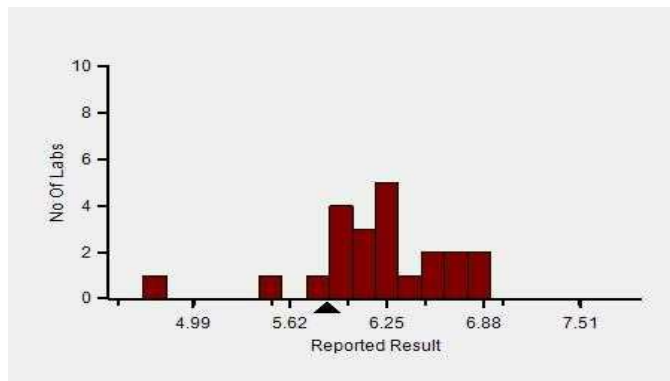
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

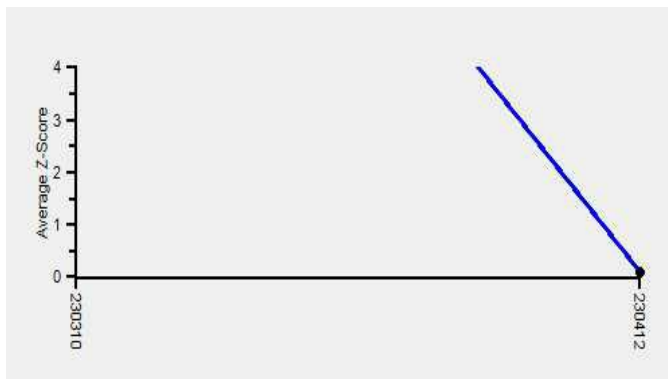
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	6.25	0.63	10.15	8
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	2
	Roche cobas c 311	38	6.32	0.32	5.02	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Erba EM 200	35	0.00	0.00	0.00	2
	Fuji Dri-Chem NX500/i	27	0.00	0.00	0.00	-
	Roche cobas c 111	19	0.00	0.00	0.00	-
	Erba XL-200	13	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	13	0.00	0.00	0.00	-

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
- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Chloride, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	310	84.31	5.14	6.09	4
ISE direct - (Your Method)	213	--	--	--	2
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

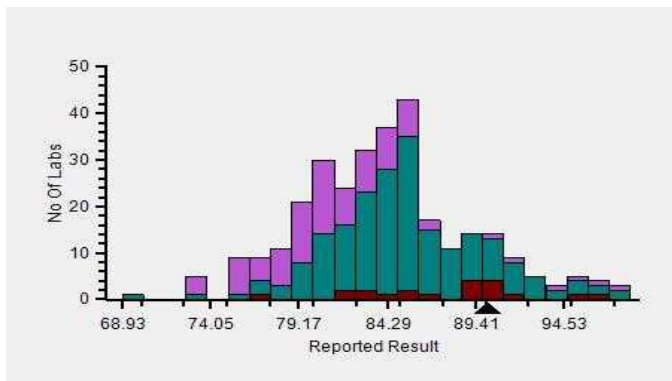
Evaluation Based On - Method wise Peer Grouping

Your Result	90.15	SDI / z-Score	0.84
Assigned Value	85.42	Average SDI	0.67
SDPA	5.640	Uncertainty of AV	0.36
Standard Unit Result Val	90.15	%DEV	

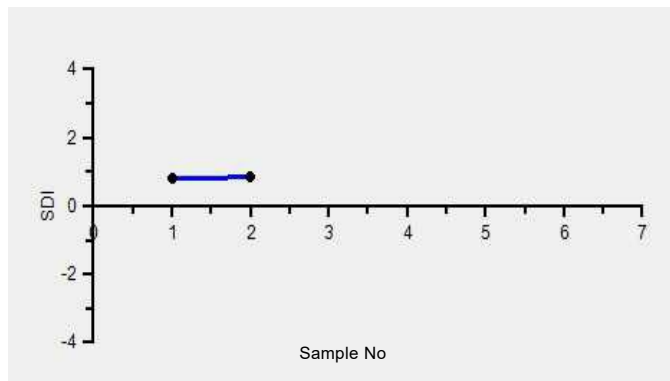
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

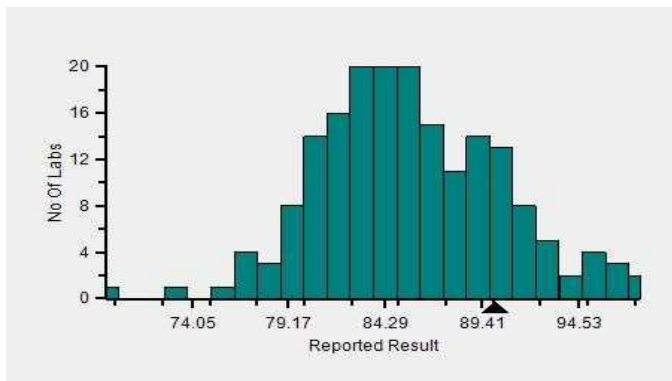
Frequency Histogram



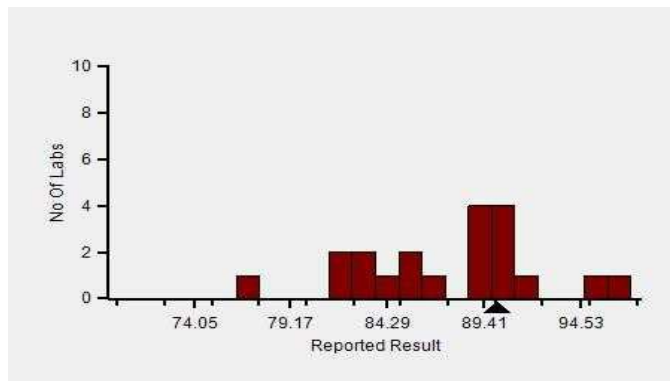
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

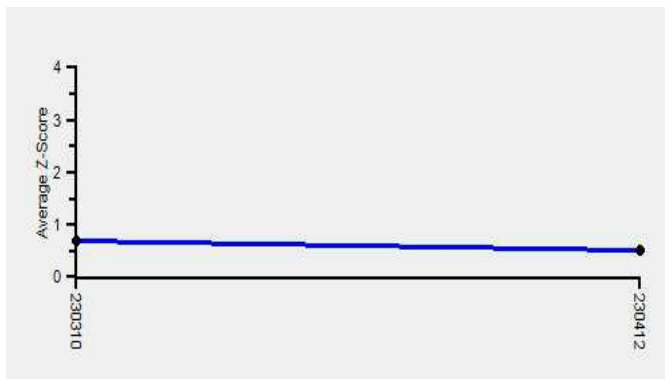
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	310	84.31	5.14	6.09	4
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	32	0.00	0.00	0.00	-
	Roche cobas c 311	28	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	18	0.00	0.00	0.00	-
	Sensa Core ST200 Aqua	15	0.00	0.00	0.00	-
	Fuji Dri-Chem 4000i	13	0.00	0.00	0.00	-
	Roche AVL 9180	12	0.00	0.00	0.00	-
	EasyLyte	12	84.33	2.47	2.93	-

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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- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Cholesterol, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	349	127.58	9.98	7.82	8
CHOD-PAP - (Your Method)	113	--	--	--	6
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

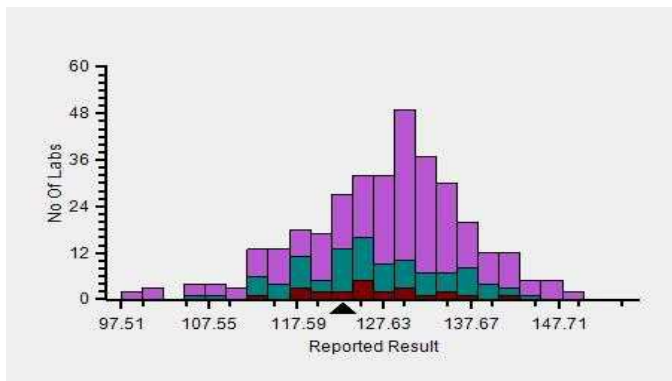
Evaluation Based On - Equipment wise Peer Grouping

Your Result	123.00	SDI / z-Score	-0.59
Assigned Value	129.44	Average SDI	-0.65
SDPA	10.870	Uncertainty of AV	1.31
Standard Unit Result Val	123.00	%DEV	

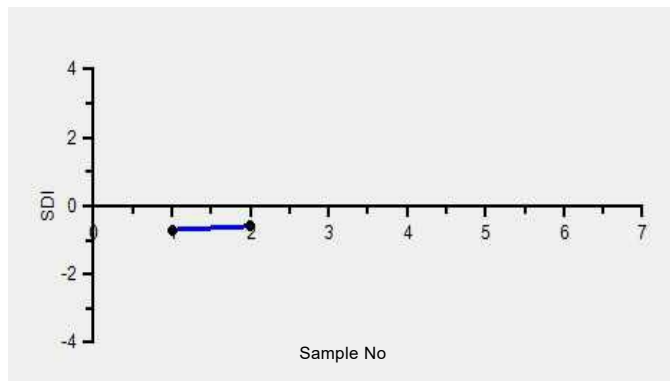
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

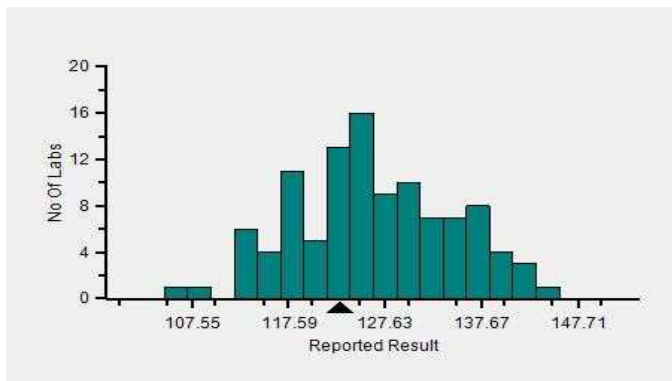
Frequency Histogram



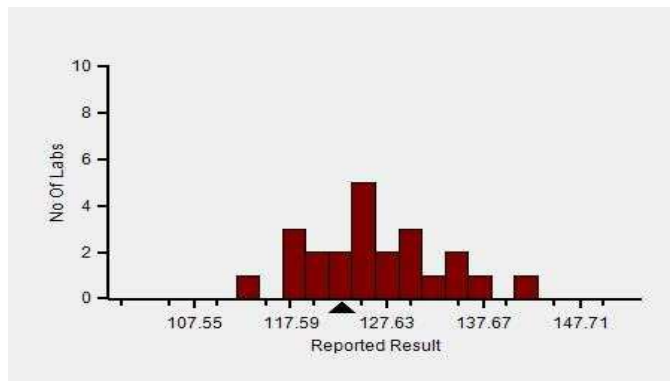
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

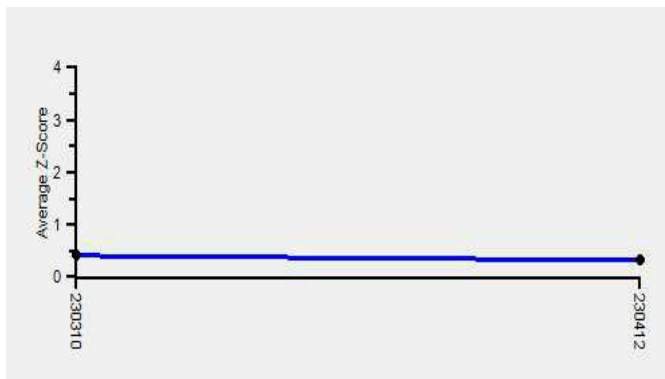
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	349	127.58	9.98	7.82	8
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	38	0.00	0.00	0.00	-
	Roche cobas c 311	38	131.99	5.47	4.14	1
	Roche cobas c 311	37	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	-
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	13	125.46	11.88	9.47	-

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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 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Creatinine, mg/dl

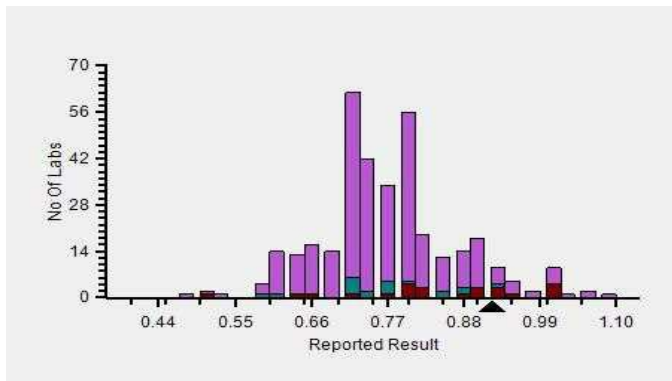
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	355	0.77	0.11	13.93	3
Jaffe - Alkaline picrate - (Your Method)	44	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

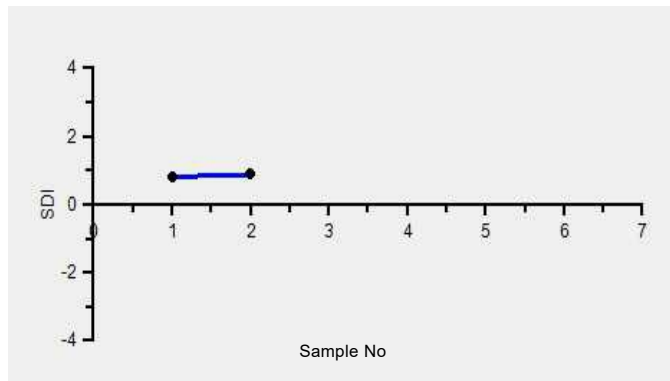
Your Result	0.92	SDI / z-Score	0.88
Assigned Value	0.80	Average SDI	0.85
SDPA	0.136	Uncertainty of AV	0.02
Standard Unit Result Val	0.92	%DEV	

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

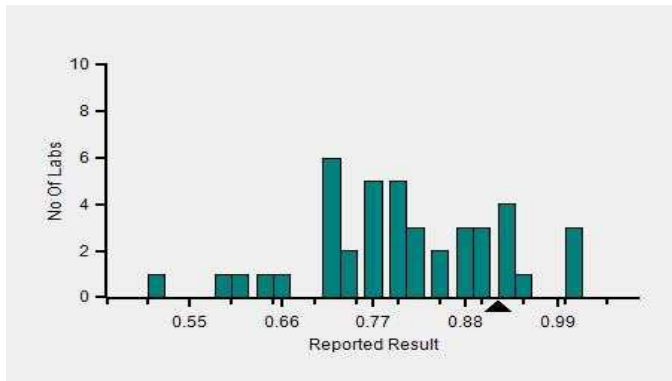
Frequency Histogram



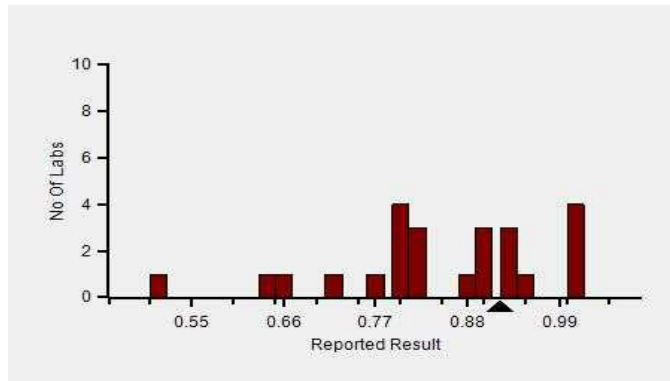
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

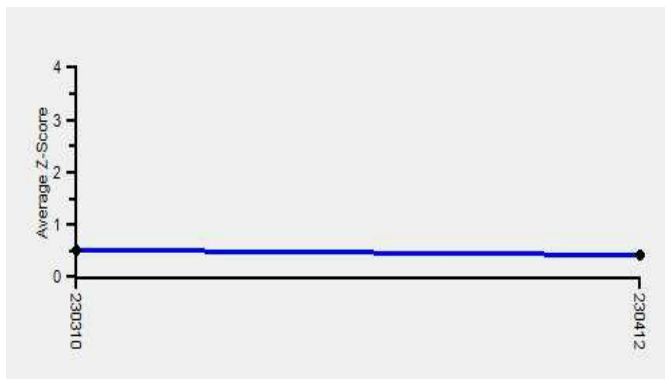
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	355	0.77	0.11	13.93	3
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	40	0.00	0.00	0.00	-
	Roche cobas c 311	38	0.76	0.05	7.01	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	15	0.00	0.00	0.00	-
	ERBA XL-640	12	0.73	0.13	17.74	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Glucose, mg/dl

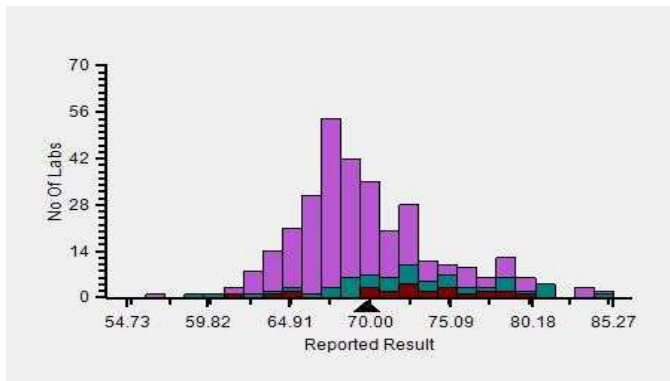
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	353	69.99	5.09	7.28	29
GOD POD - (Your Method)	81	--	--	--	6
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

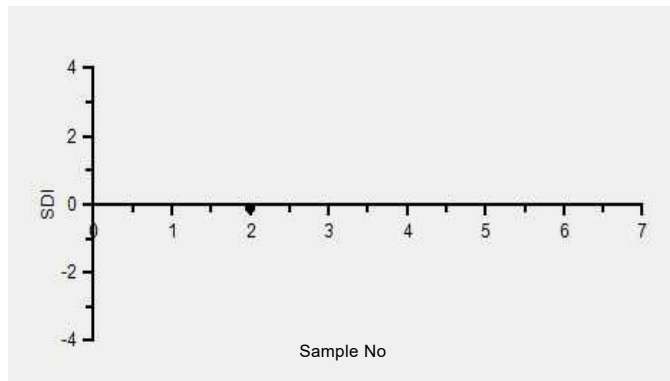
Your Result	69.80	SDI / z-Score	-0.10
Assigned Value	70.43	Average SDI	-0.10
SDPA	6.230	Uncertainty of AV	0.92
Standard Unit Result Val	69.80	%DEV	

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

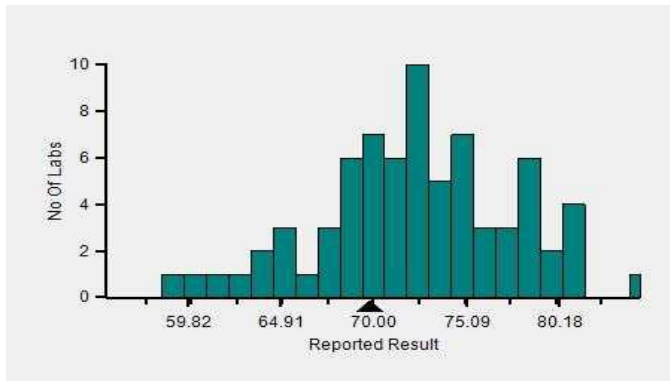
Frequency Histogram



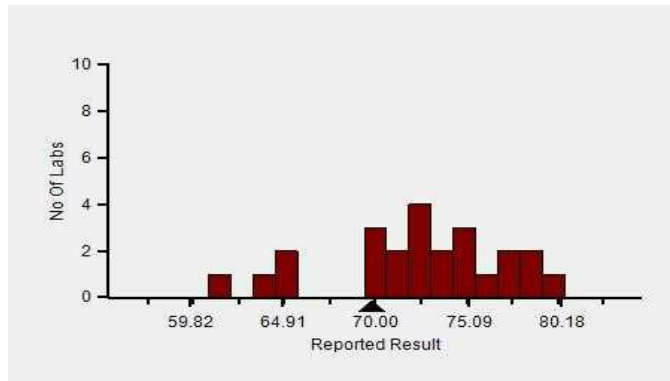
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

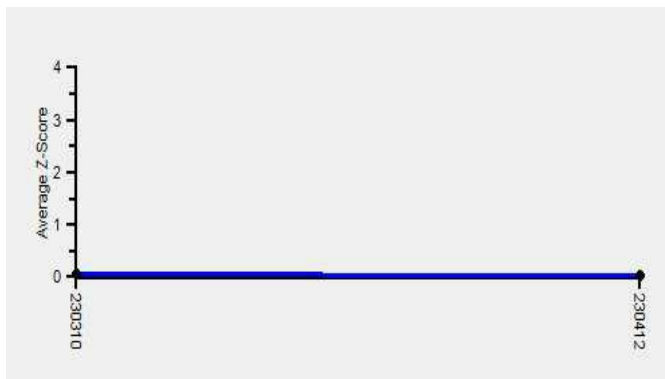
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Glucose		N	Mean	SD	CV%	Excluded
	All Analyzer	353	69.99	5.09	7.28	29
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	39	0.00	0.00	0.00	-
	Roche cobas c 311	37	67.06	1.67	2.49	-
	Roche cobas c 311	36	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	-
	Roche cobas c 111	21	0.00	0.00	0.00	-
	Erba XL-200	14	0.00	0.00	0.00	1
	Fuji Dri-Chem 4000i	13	0.00	0.00	0.00	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, LDL, mg/dl

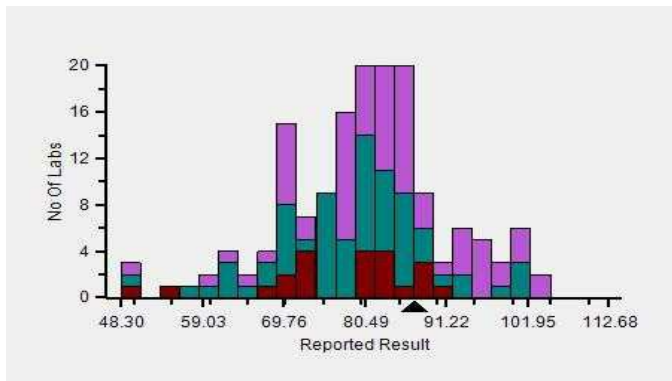
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	179	80.34	10.67	13.28	7
Direct measure - (Your Method)	87	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	23	0.00	0.00	0.00	1

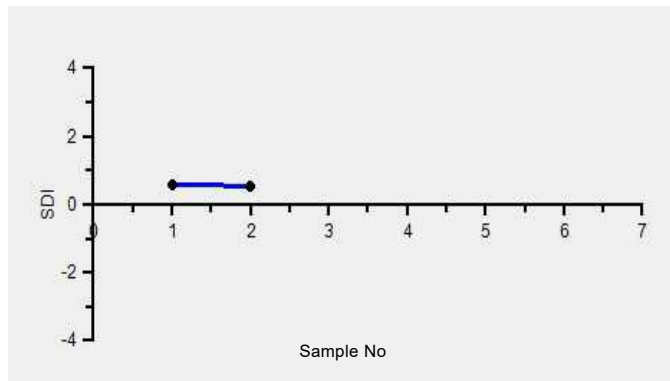
Your Result	86.95	SDI / z-Score	0.54
Assigned Value	81.18	Average SDI	0.56
SDPA	10.694	Uncertainty of AV	1.67
Standard Unit Result Val	86.95	%DEV	

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

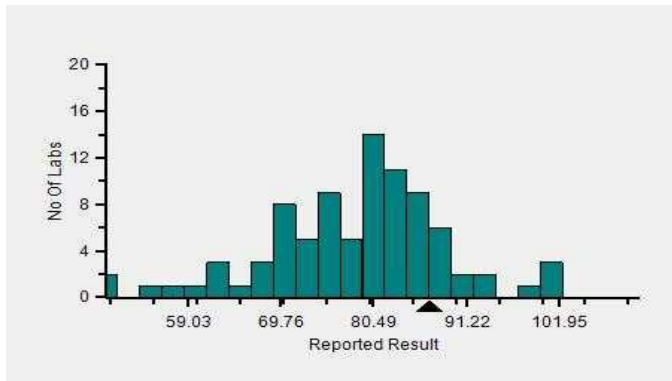
Frequency Histogram



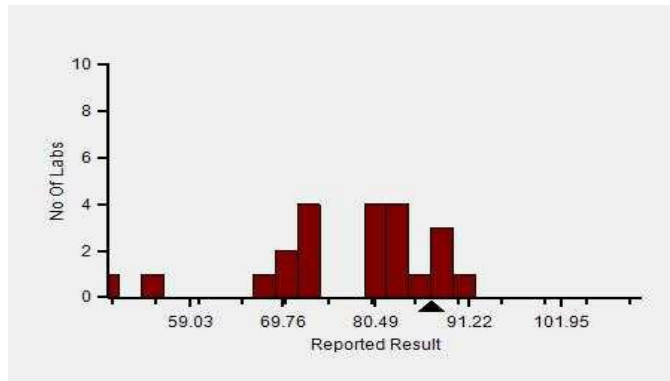
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

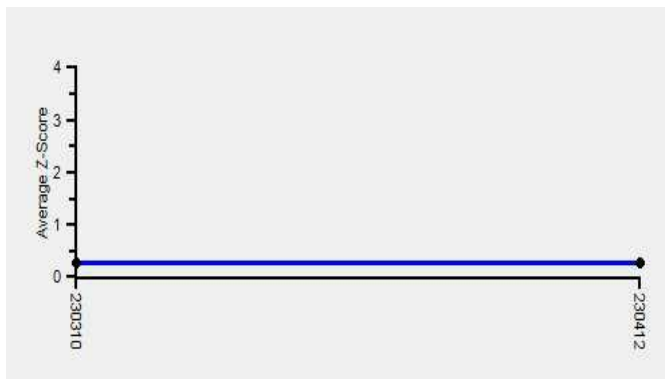
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	179	80.34	10.67	13.28	7
Your Analyzer :	Diasys 200 Pro	23	0.00	0.00	0.00	1
	Roche cobas c 311	25	0.00	0.00	0.00	-
	Erba EM 200	16	0.00	0.00	0.00	-
	Roche cobas 6000	12	0.00	0.00	0.00	-
	Beckman Coulter DxC 700 AU	10	0.00	0.00	0.00	-
	ERBA XL-640	9	78.18	10.55	13.50	-
	Roche cobas INTEGRA	9	0.00	0.00	0.00	2
	ERBA XL-640	8	0.00	0.00	0.00	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Potassium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	323	4.02	0.17	4.23	7
ISE direct - (Your Method)	229	--	--	--	6
ACCULYTE-3P - (Your Analyzer)	19	0.00	0.00	0.00	1

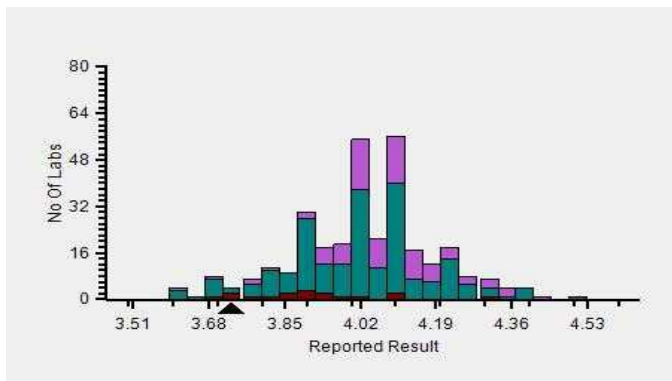
Evaluation Based On - Method wise Peer Grouping

Your Result	3.73	SDI / z-Score	-1.15
Assigned Value	4.01	Average SDI	-1.12
SDPA	0.240	Uncertainty of AV	0.01
Standard Unit Result Val	3.73	%DEV	

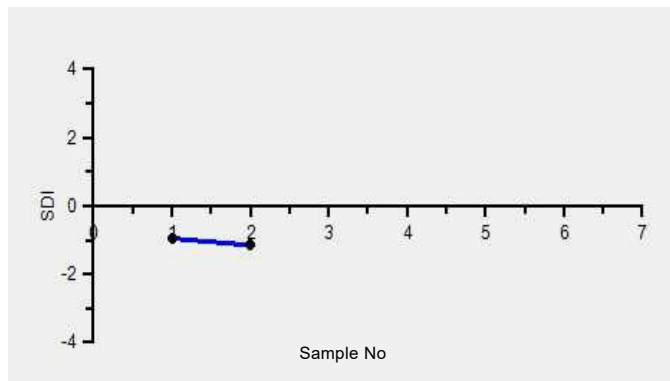
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

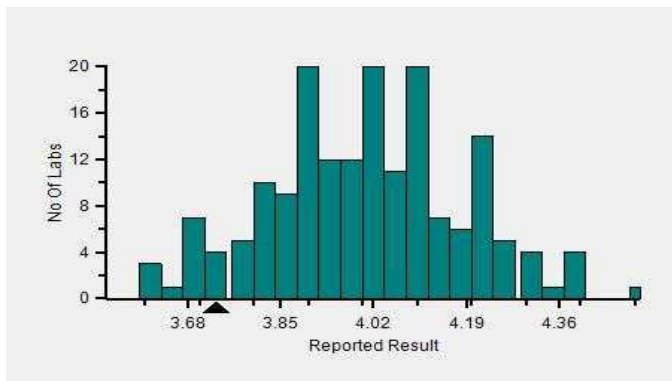
Frequency Histogram



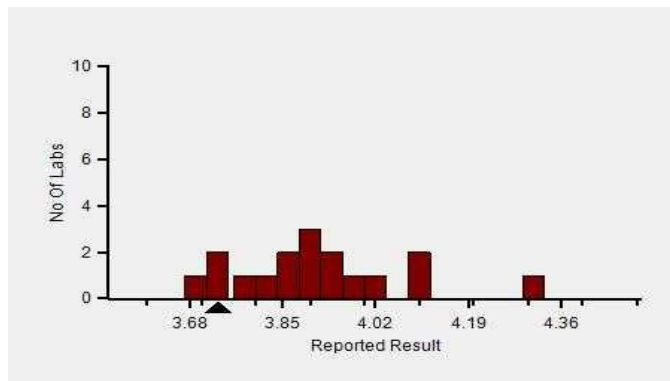
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

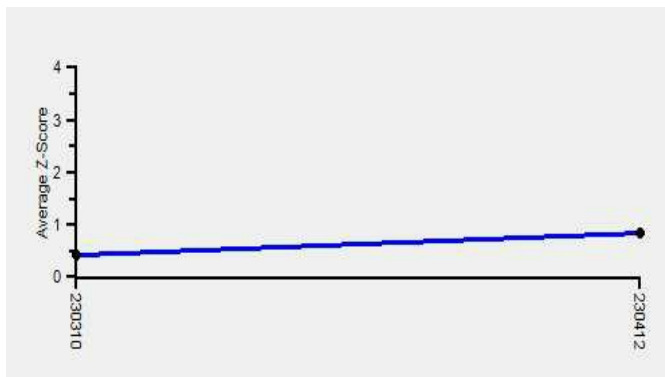
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	323	4.02	0.17	4.23	7
Your Analyzer :	ACCULYTE-3P	19	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	36	0.00	0.00	0.00	-
	Roche cobas c 311	27	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	17	0.00	0.00	0.00	-
	Fuji Dri-Chem 4000i	15	0.00	0.00	0.00	-
	Sensa Core ST200 Aqua	15	0.00	0.00	0.00	-
	Roche AVL 9180	14	0.00	0.00	0.00	1
	EasyLyte	14	4.04	0.13	3.22	-

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 : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Biochemistry, Sodium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	322	113.06	4.46	3.94	8
ISE direct - (Your Method)	227	--	--	--	4
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

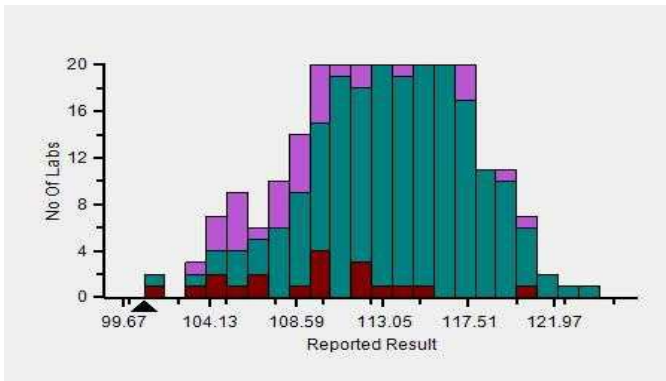
Evaluation Based On - Method wise Peer Grouping

Your Result	100.75	SDI / z-Score	-2.19
Assigned Value	113.64	Average SDI	-2.37
SDPA	5.890	Uncertainty of AV	0.34
Standard Unit Result Val	100.75	%DEV	

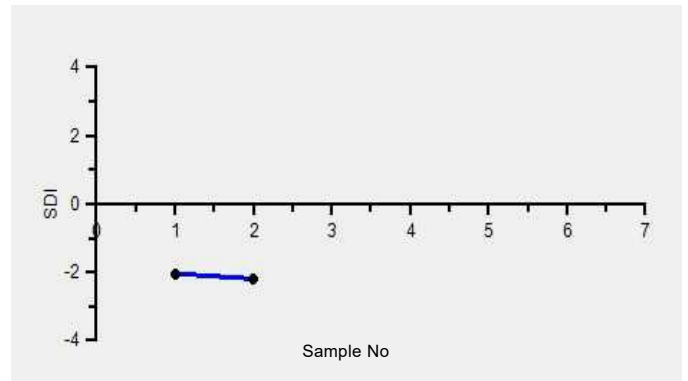
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

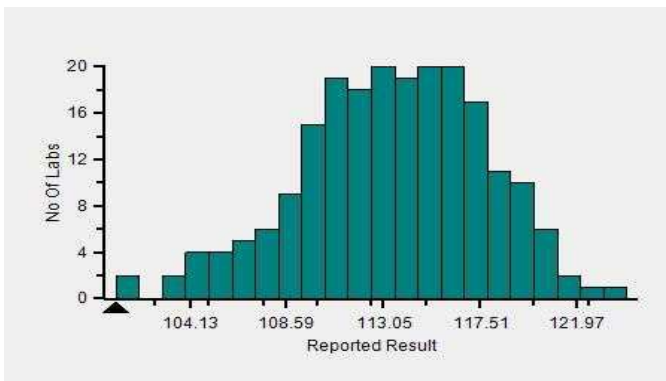
Frequency Histogram



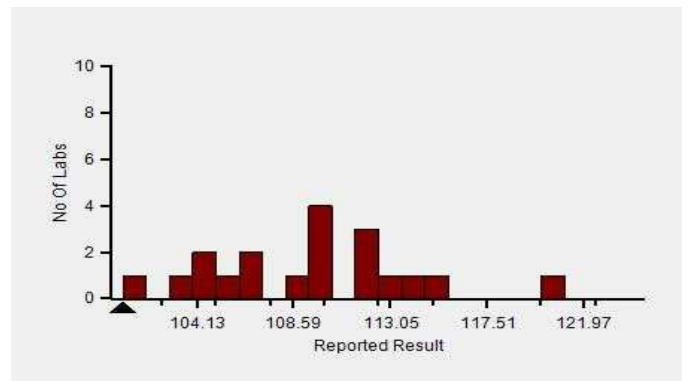
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

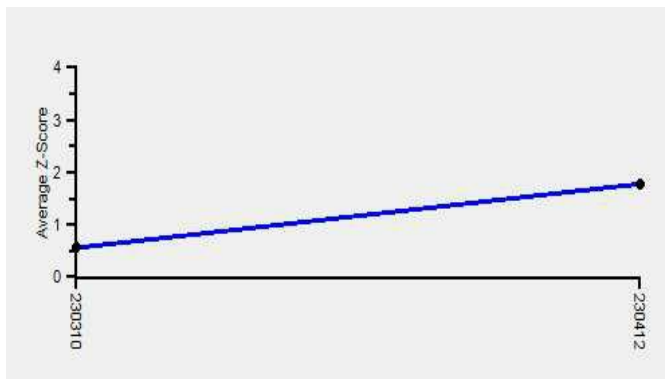
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	113.06	4.46	3.94	8
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	37	0.00	0.00	0.00	-
	Roche cobas c 311	28	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	17	0.00	0.00	0.00	1
	Fuji Dri-Chem 4000i	14	0.00	0.00	0.00	-
	Roche AVL 9180	14	0.00	0.00	0.00	1
	EasyLyte	14	113.61	2.07	1.82	-
	Sensa Core ST200 Aqua	14	0.00	0.00	0.00	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Total Protein, g/dL

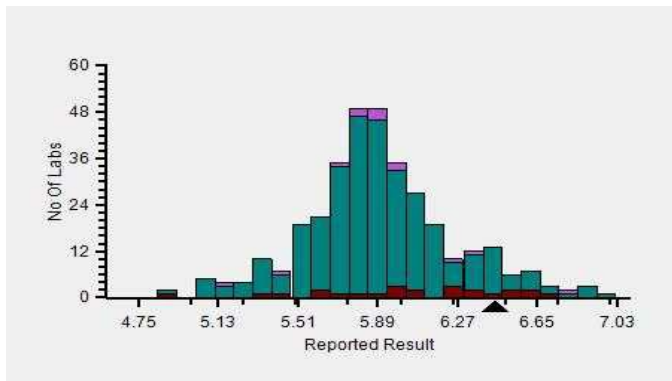
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	353	5.88	0.38	6.42	10
Biuret - (Your Method)	337	--	--	--	8
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

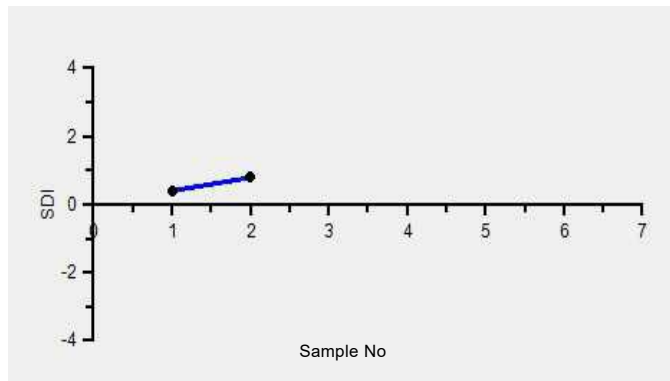
Your Result	6.45	SDI / z-Score	0.79
Assigned Value	6.07	Average SDI	0.60
SDPA	0.490	Uncertainty of AV	0.05
Standard Unit Result Val	6.45	%DEV	

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

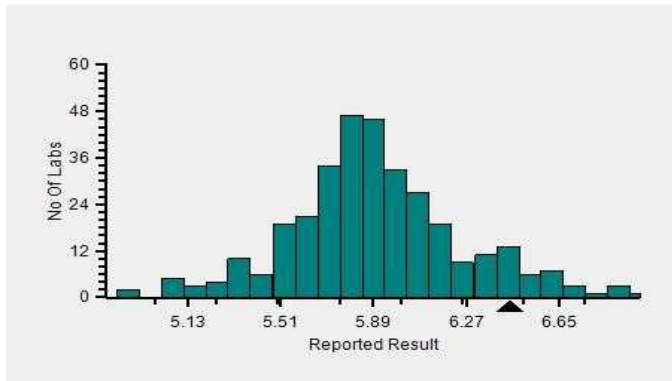
Frequency Histogram



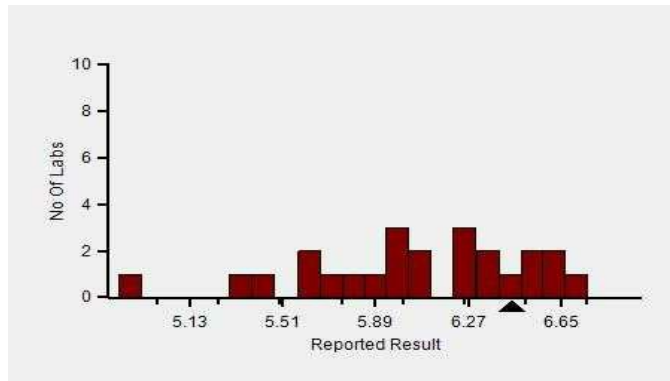
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

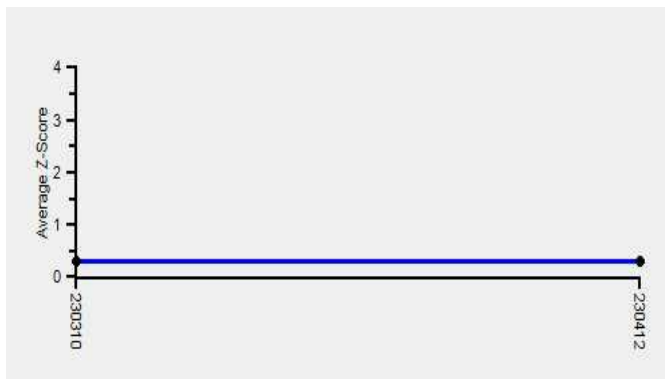
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	353	5.88	0.38	6.42	10
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Erba EM 200	40	0.00	0.00	0.00	1
	Roche cobas c 311	38	5.86	0.15	2.61	-
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	1
	Erba XL-200	16	0.00	0.00	0.00	-
	ERBA XL-640	13	6.10	0.34	5.63	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Triglycerides, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	347	153.83	13.11	8.52	5
Colorimetric enzymatic - GPO - (Your Method)	34	--	--	--	--
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	--

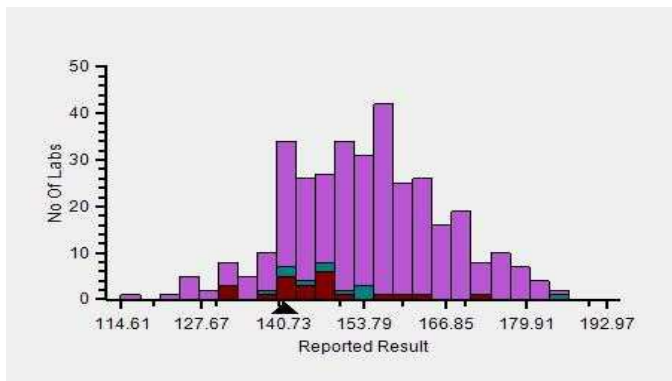
Evaluation Based On - Equipment wise Peer Grouping

Your Result	141.00	SDI / z-Score	-0.47
Assigned Value	147.94	Average SDI	-0.08
SDPA	14.721	Uncertainty of AV	2.34
Standard Unit Result Val	141.00	%DEV	

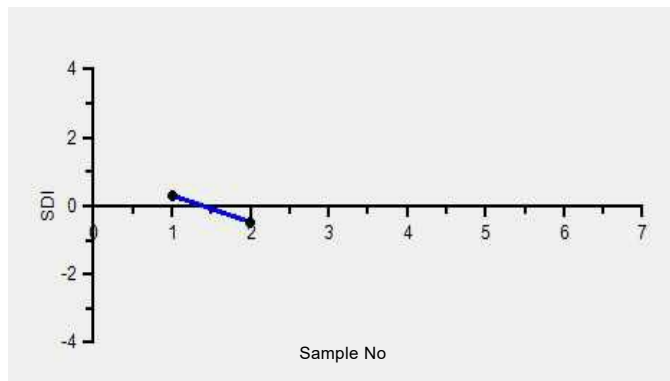
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

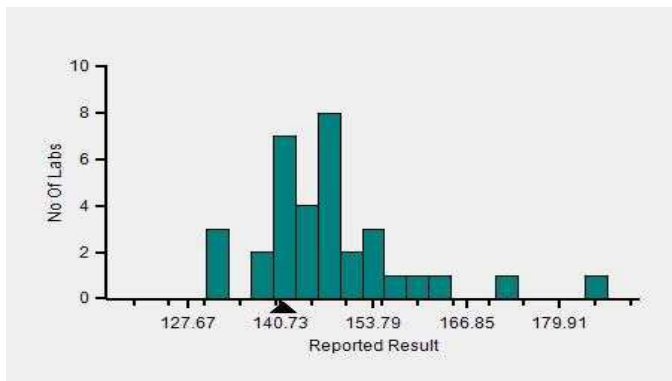
Frequency Histogram



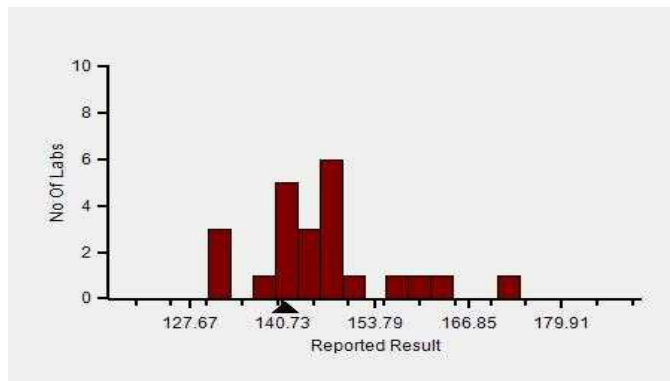
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

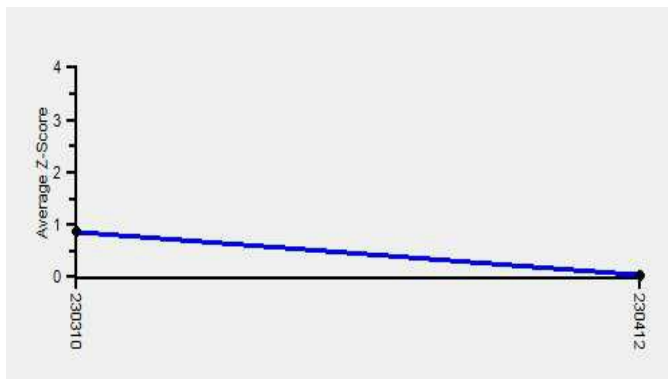
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	347	153.83	13.11	8.52	5
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	-
	Roche cobas c 311	38	159.07	6.76	4.25	-
	Erba EM 200	37	0.00	0.00	0.00	1
	Roche cobas c 311	37	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	23	0.00	0.00	0.00	1
	Erba XL-200	18	0.00	0.00	0.00	-
	ERBA XL-640	13	150.20	15.01	9.99	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

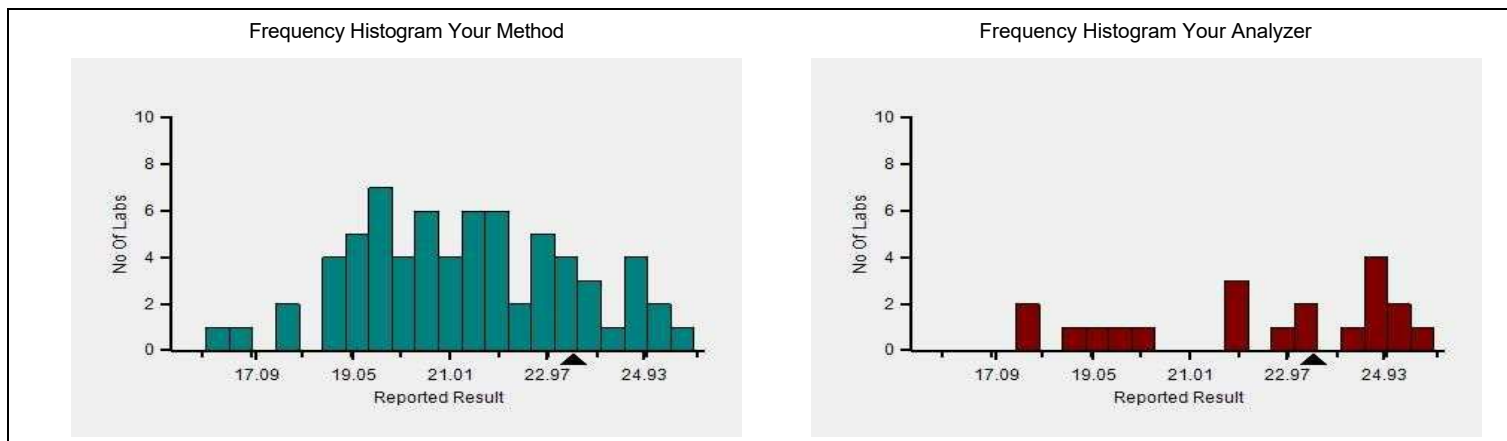
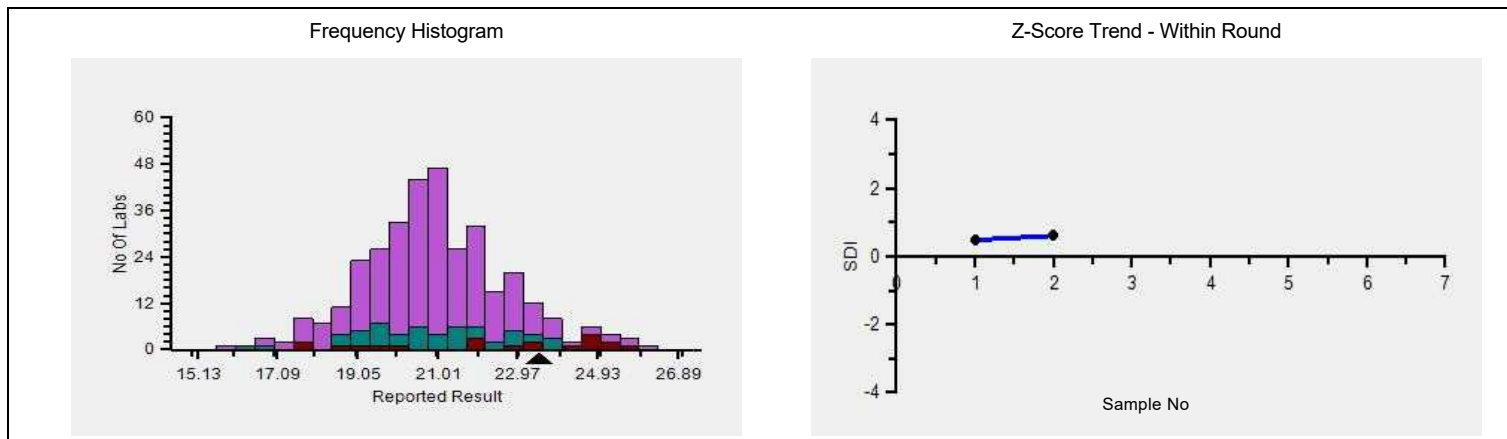
Biochemistry, Urea, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	356	21.02	1.97	9.35	18
Urease, UV - (Your Method)	77	--	--	--	7
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	2

Your Result	23.50	SDI / z-Score	0.61
Assigned Value	21.89	Average SDI	0.54
SDPA	2.641	Uncertainty of AV	0.43
Standard Unit Result Val	23.50	%DEV	

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



Lab : 1053

Cycle No : 230412

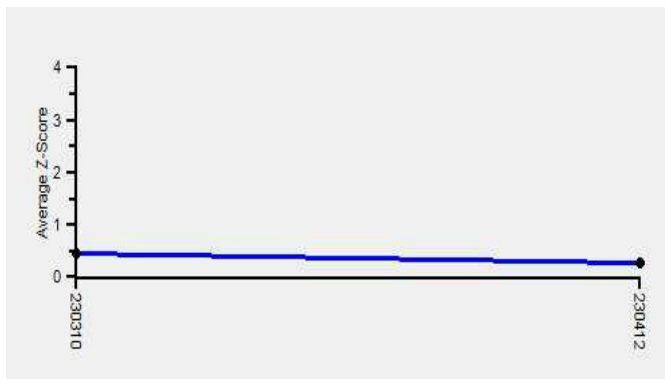
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	356	21.02	1.97	9.35	18
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	2
	Erba EM 200	40	0.00	0.00	0.00	1
	Roche cobas c 311	38	20.78	0.98	4.69	1
	Roche cobas c 311	37	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	30	0.00	0.00	0.00	-
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	18	0.00	0.00	0.00	-
	ERBA XL-640	13	21.04	2.04	9.70	-

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:
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 - Both failed - Unacceptable performance, Review for systematic error
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 - All pass - Acceptable performance
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 - One out of three pass - Unacceptable performance, Review for systematic error
 - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Uric Acid, mg/dl

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	349	3.99	0.38	9.53	11
Uricase - (Your Method)	77	--	--	--	2
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

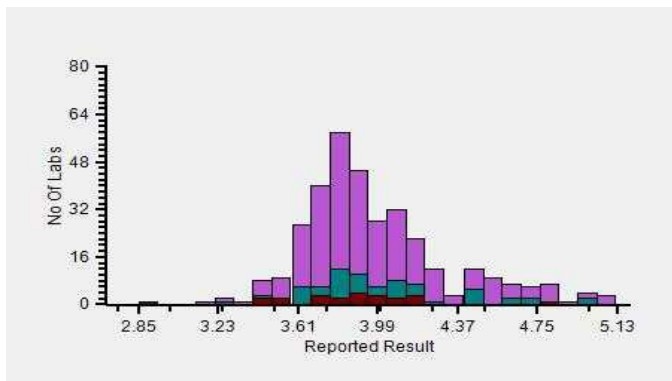
Evaluation Based On - Equipment wise Peer Grouping

Your Result	2.54	SDI / z-Score	-3.22
Assigned Value	4.11	Average SDI	-3.11
SDPA	0.488	Uncertainty of AV	0.08
Standard Unit Result Val	2.54	%DEV	

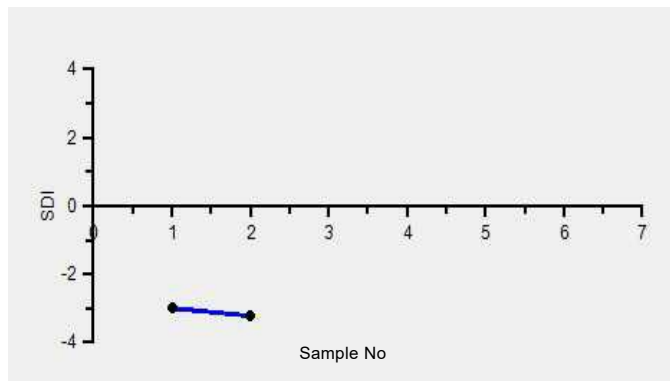
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

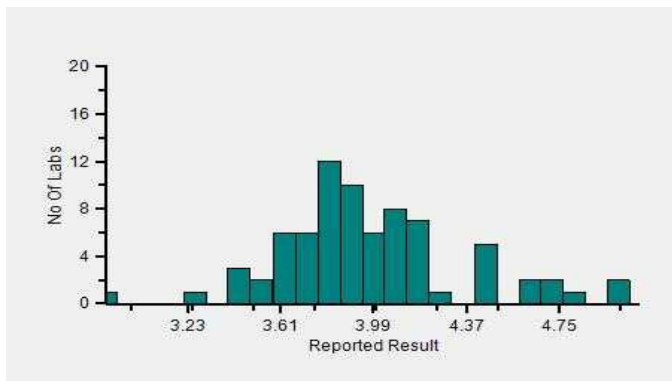
Frequency Histogram



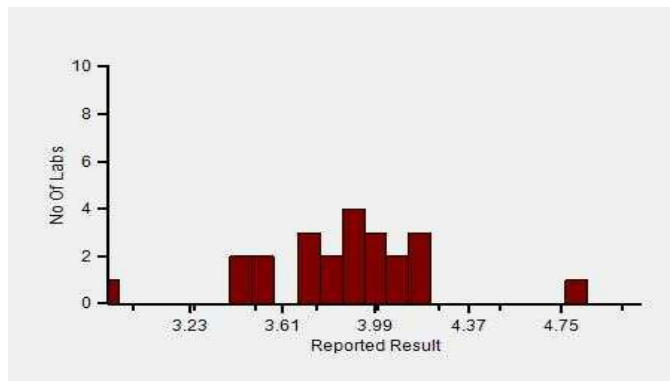
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

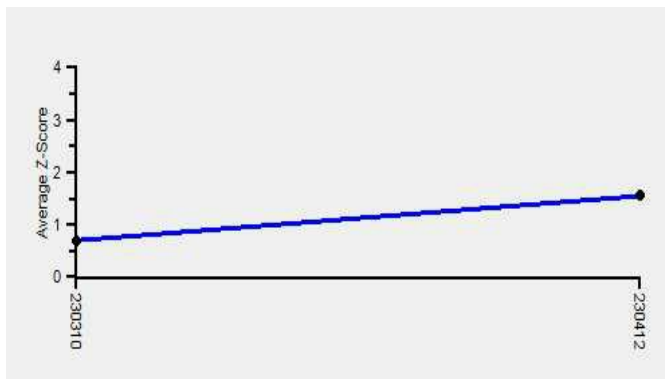
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	349	3.99	0.38	9.53	11
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	38	0.00	0.00	0.00	-
	Roche cobas c 311	37	3.76	0.12	3.27	-
	Roche cobas c 311	36	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	1
	Roche cobas c 111	24	0.00	0.00	0.00	-
	Erba XL-200	17	0.00	0.00	0.00	-
	ERBA XL-640	13	4.22	0.49	11.63	-

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.

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- 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

Dr. Puneet Kumar Nigam

Dr Puneet Kumar Nigam
PT coordinator & Technical Manager, MHL EQAS

Unit No. 409-416.
Commercial Building - 1A
Kohinoor Mall, Kiro Road, Kurla (W),
Mumbai - 400070

This is a computer generated report hence signature is not required



PC-1022



Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, RAJPURA (1053)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 03

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Sodium	ACCULYTE-3P	126.46	mmol/L	-2.87
Legend @ : z score \leq 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score \geq 3 - Unacceptable # : Not Evaluated ⌚ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

Instrument : **Diasys 200 Pro**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
# HDL	mg/dl	47.00	67.15		0.23
@ ALT	U/L	23.80	35.91	-0.88	-0.09
@ AST	U/L	39.42	80.82	-1.08	-0.23

Instrument : **ACCULYTE-3P**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	126.46	126.65	0.36	0.68
! Sodium	mmol/L	126.46	157.93	-2.87	-1.46
@ Potassium	mmol/L	6.15	6.84	-1.25	-0.77

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

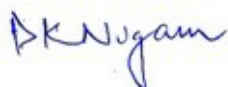
X : z score ≥ 3 - Unacceptable

: Not Evaluated

⌚ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	6
Not Evaluated Parameters	1
Evaluated Parameters	5
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



Dr Puneet Kumar Nigam
PT coordinator & Technical Manager, MHL EQAS

Unit No. 409-416.

Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Report Date : 13/02/2024

Cycle No : 230412

Sample No : 03

Sample Date : 23/12/2023

Biochemistry, ALT, U/L

Comparative Statistics

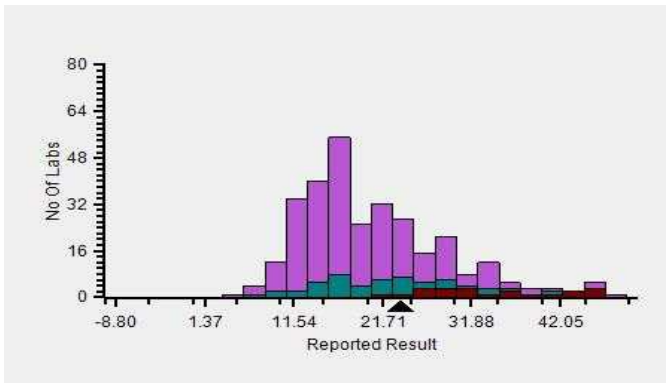
	N	Mean	SD	CV%	Excluded
All Methods	334	21.77	10.19	46.81	25
IFCC - (Your Method)	72	--	--	--	7
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

Evaluation Based On - Equipment wise Peer Grouping

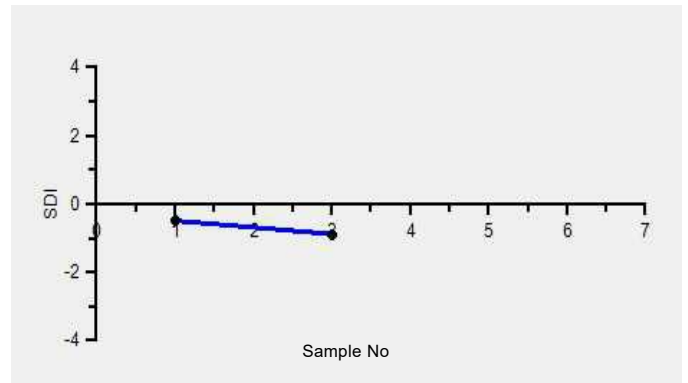
Your Result	23.80	SDI / z-Score	-0.88
Assigned Value	31.52	Average SDI	-0.69
SDPA	8.780	Uncertainty of AV	2.27
Standard Unit Result Val	23.80	%DEV	

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

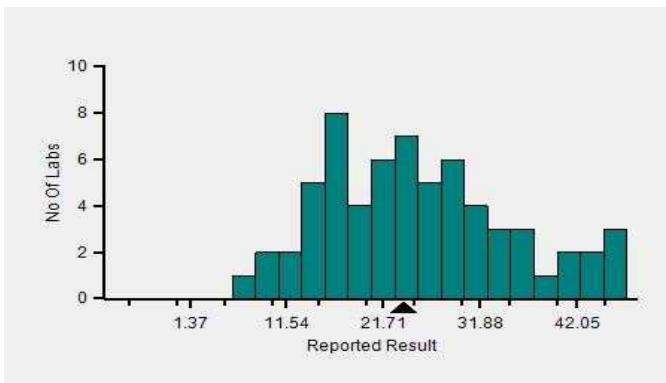
Frequency Histogram



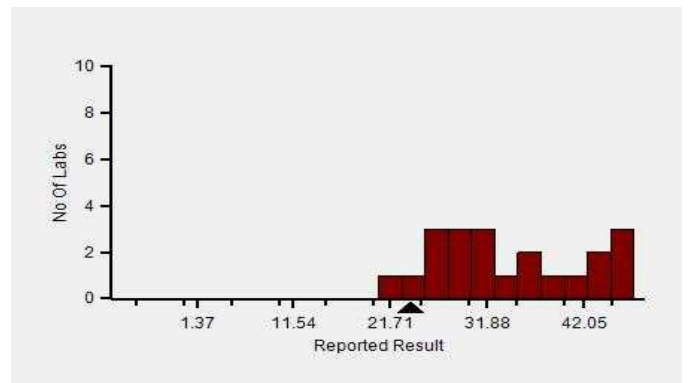
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

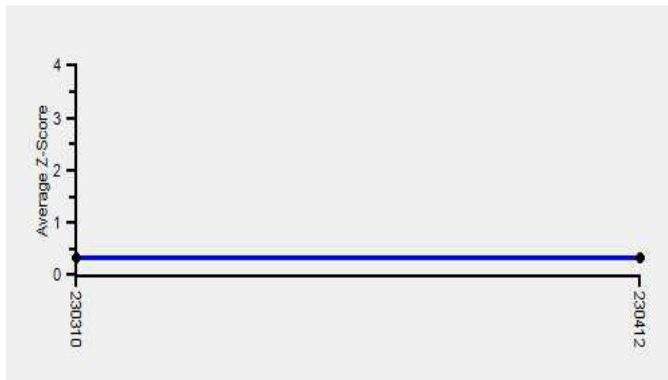
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	334	21.77	10.19	46.81	25
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	38	0.00	0.00	0.00	4
	Roche cobas c 311	36	17.15	5.42	31.62	1
	Roche cobas c 311	35	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	28	0.00	0.00	0.00	2
	Roche cobas c 111	20	0.00	0.00	0.00	2
	Erba XL-200	14	0.00	0.00	0.00	-
	ERBA XL-640	12	0.00	0.00	0.00	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, AST, U/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	330	42.43	19.52	46.00	19
IFCC - (Your Method)	72	--	--	--	5
Diasys 200 Pro - (Your Analyzer)	24	0.00	0.00	0.00	1

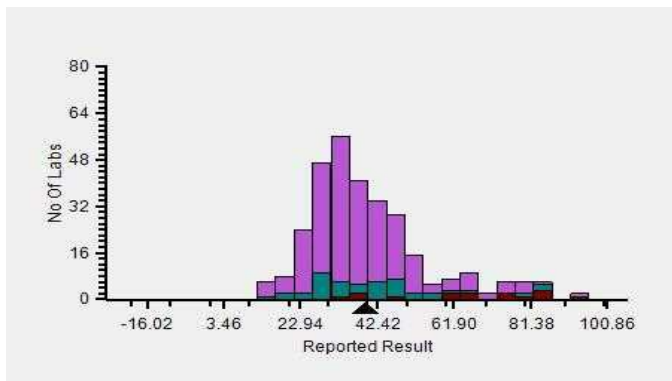
Evaluation Based On - Equipment wise Peer Grouping

Your Result	39.42	SDI / z-Score	-1.08
Assigned Value	64.84	Average SDI	-0.50
SDPA	23.606	Uncertainty of AV	5.39
Standard Unit Result Val	39.42	%DEV	

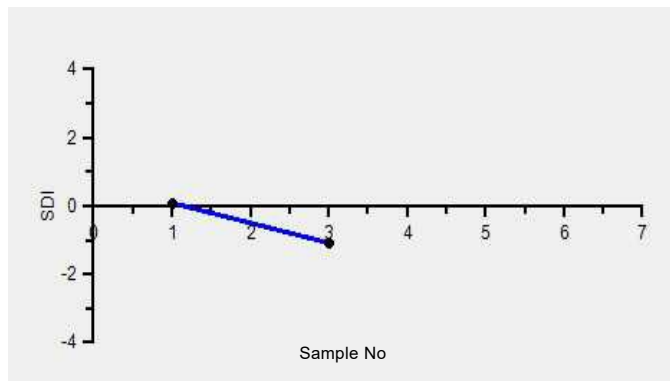
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

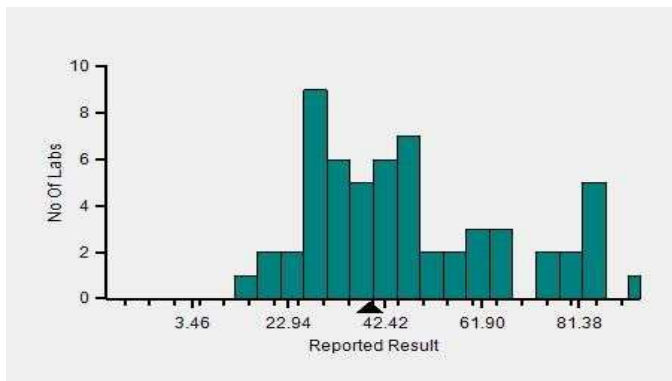
Frequency Histogram



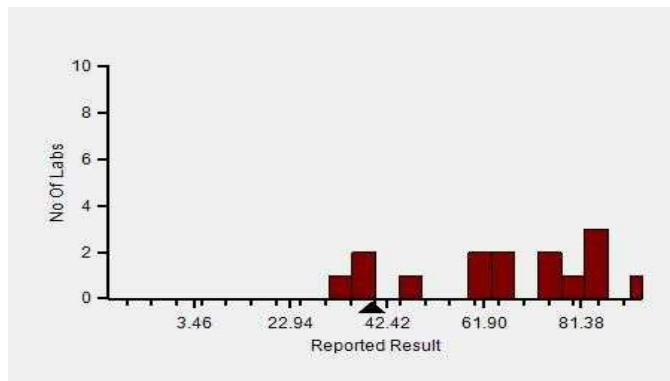
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

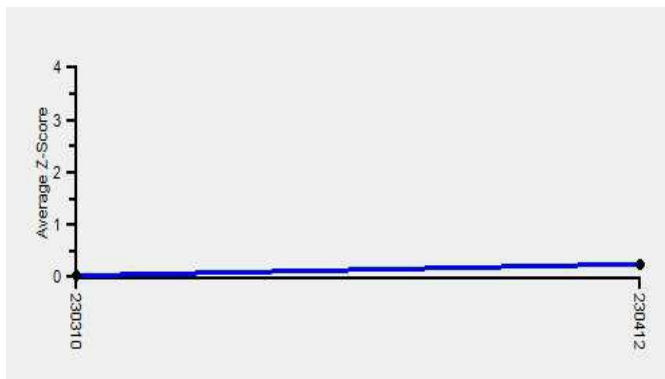
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	330	42.43	19.52	46.00	19
Your Analyzer :	Diasys 200 Pro	24	0.00	0.00	0.00	1
	Erba EM 200	36	0.00	0.00	0.00	-
	Roche cobas c 311	34	32.29	7.10	21.98	1
	Roche cobas c 311	33	0.00	0.00	0.00	1
	Fuji Dri-Chem NX500/i	28	0.00	0.00	0.00	1
	Roche cobas c 111	21	0.00	0.00	0.00	3
	Erba XL-200	15	0.00	0.00	0.00	-
	ERBA XL-640	12	0.00	0.00	0.00	-

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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Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Chloride, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	292	122.26	7.81	6.39	12
ISE direct - (Your Method)	200	--	--	--	8
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

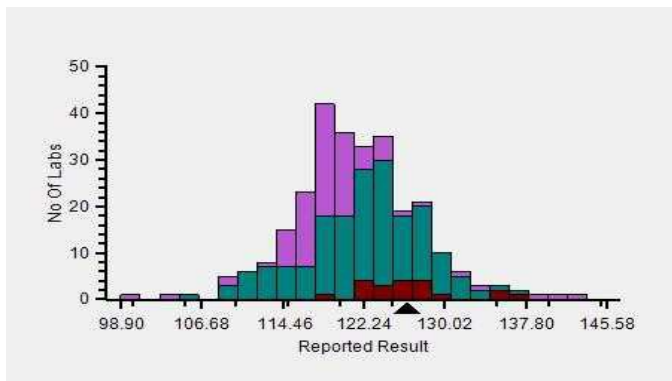
Evaluation Based On - Method wise Peer Grouping

Your Result	126.46	SDI / z-Score	0.36
Assigned Value	122.83	Average SDI	0.67
SDPA	10.100	Uncertainty of AV	0.50
Standard Unit Result Val	126.46	%DEV	

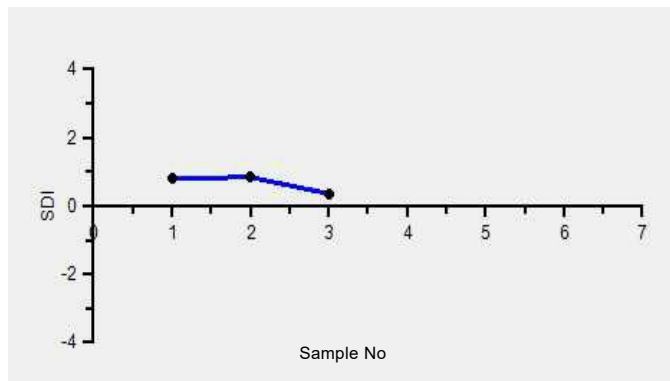
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

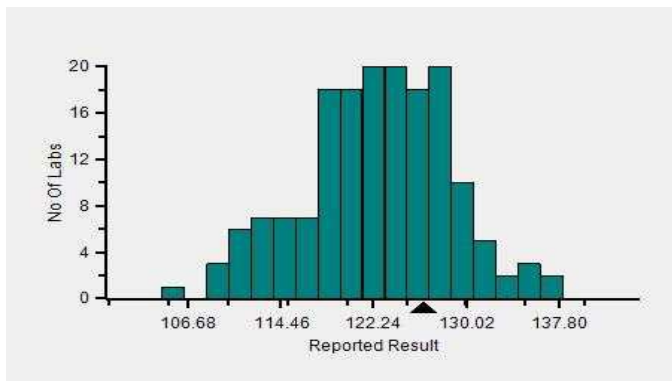
Frequency Histogram



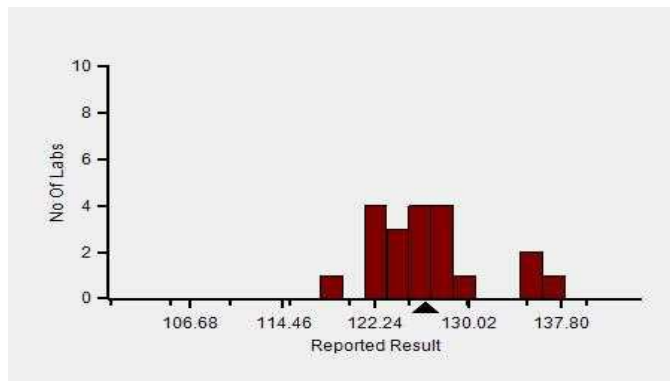
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

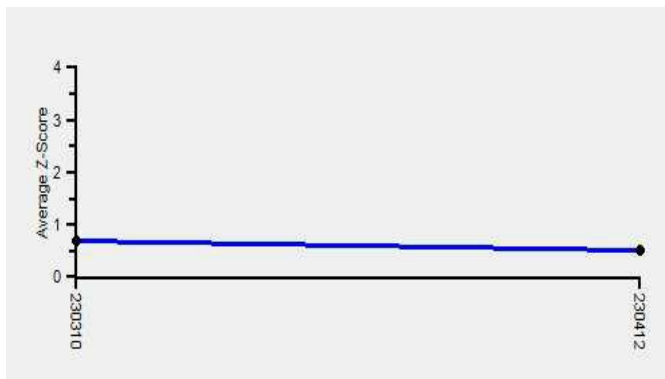
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	292	122.26	7.81	6.39	12
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	31	0.00	0.00	0.00	1
	Roche cobas c 311	26	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	16	0.00	0.00	0.00	2
	Fuji Dri-Chem 4000i	13	0.00	0.00	0.00	-
	Sensa Core ST200 Aqua	13	0.00	0.00	0.00	-
	EasyLyte	12	125.02	4.82	3.85	2
	EasyLyte	11	0.00	0.00	0.00	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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- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, HDL, mg/dl

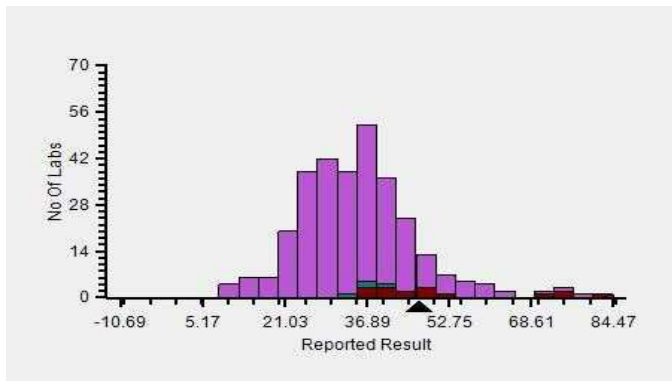
Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	315	37.00	15.90	42.96	7
Direct measure, immunoinhibition - (Your Method)	25	--	--	--	--
Diasys 200 Pro - (Your Analyzer)	22	0.00	0.00	0.00	--

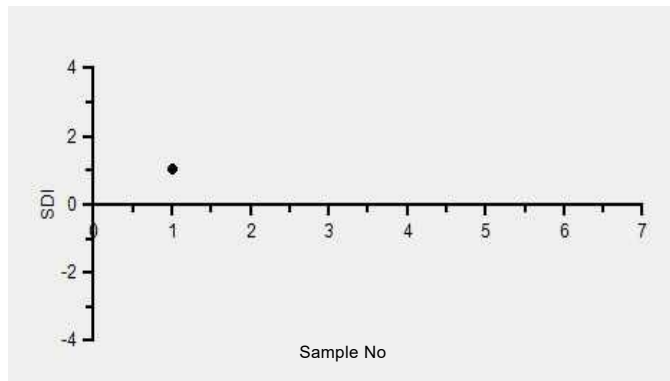
Your Result	47.00	SDI / z-Score	
Assigned Value	#	Average SDI	1.03
SDPA	#	Uncertainty of AV	
Standard Unit Result Val	47.00 #	%DEV	

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

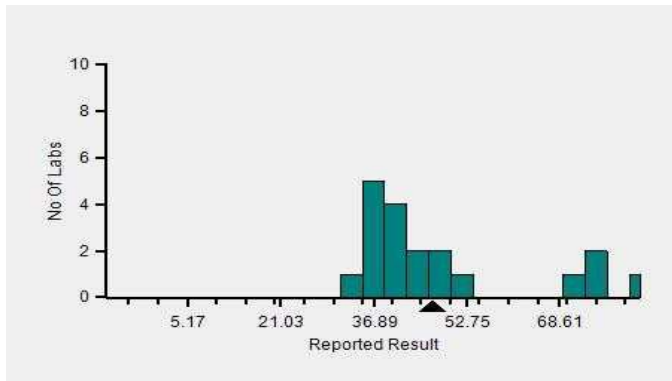
Frequency Histogram



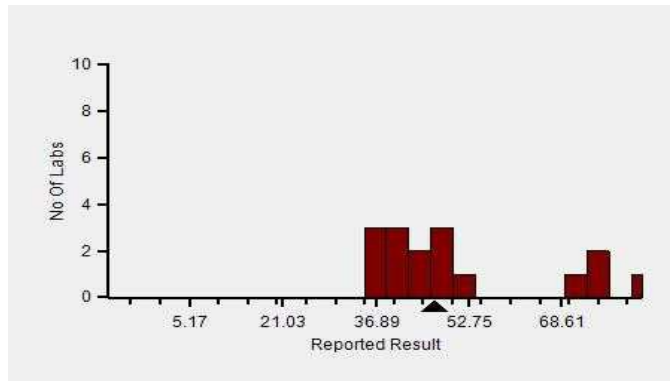
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

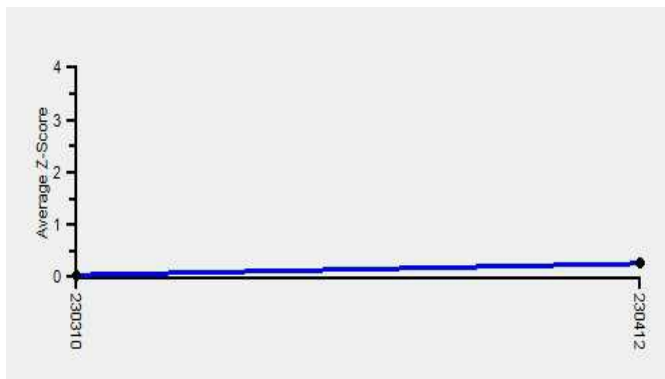
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	315	37.00	15.90	42.96	7
Your Analyzer :	Diasys 200 Pro	22	0.00	0.00	0.00	-
	Roche cobas c 311	37	25.56	6.54	25.59	-
	Roche cobas c 311	36	0.00	0.00	0.00	-
	Erba EM 200	34	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	29	0.00	0.00	0.00	-
	Roche cobas c 111	19	0.00	0.00	0.00	1
	Erba XL-200	16	0.00	0.00	0.00	1
	ERBA XL-640	12	0.00	0.00	0.00	-

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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Potassium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	306	6.89	0.47	6.78	12
ISE direct - (Your Method)	216	--	--	--	8
ACCULYTE-3P - (Your Analyzer)	19	0.00	0.00	0.00	--

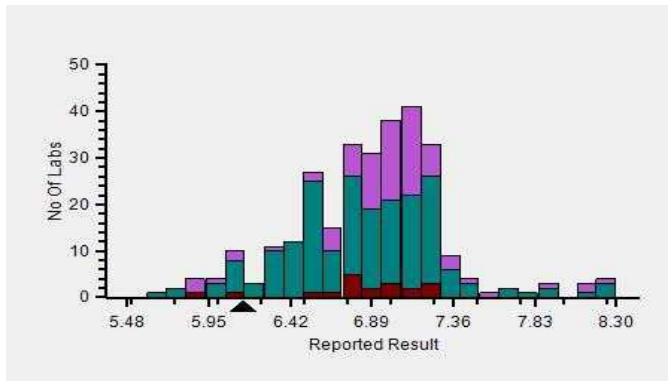
Evaluation Based On - Method wise Peer Grouping

Your Result	6.15	SDI / z-Score	-1.25
Assigned Value	6.83	Average SDI	-1.12
SDPA	0.540	Uncertainty of AV	0.03
Standard Unit Result Val	6.15	%DEV	

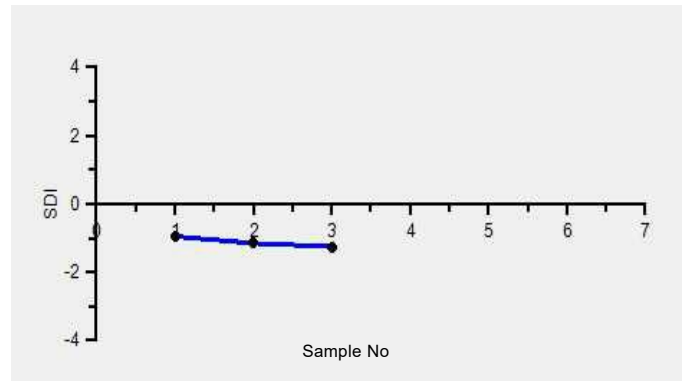
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

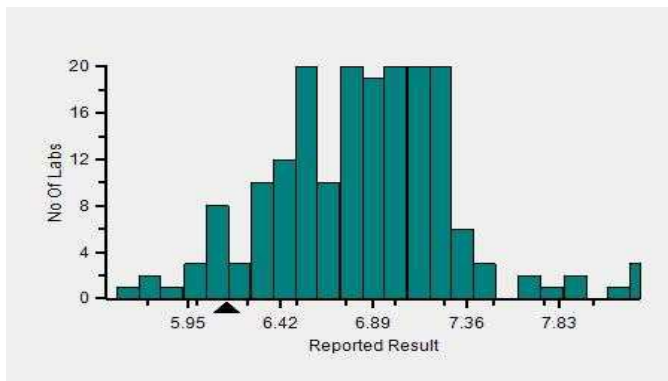
Frequency Histogram



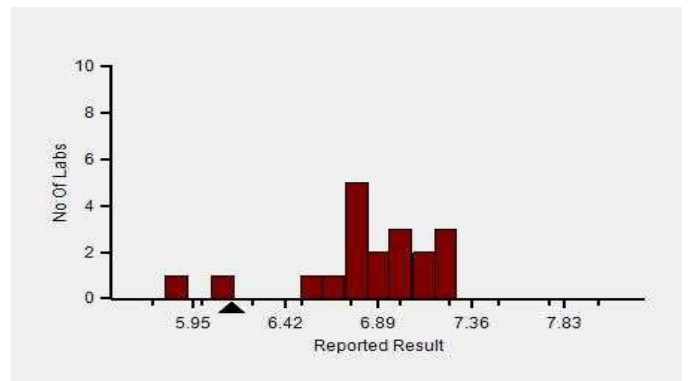
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

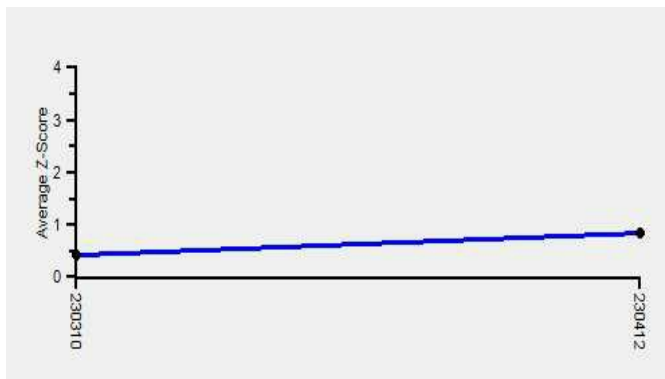
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	306	6.89	0.47	6.78	12
Your Analyzer :	ACCULYTE-3P	19	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	35	0.00	0.00	0.00	3
	Roche cobas c 311	25	0.00	0.00	0.00	1
	Fuji Dri-Chem 4000i	15	0.00	0.00	0.00	1
	Fuji Dri-Chem NX600	15	0.00	0.00	0.00	1
	EasyLyte	14	6.69	0.30	4.53	2
	Sensa Core ST200 Aqua	14	0.00	0.00	0.00	-
	EasyLyte	13	0.00	0.00	0.00	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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- 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 : 1053

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Biochemistry, Sodium, mmol/L

Comparative Statistics

	N	Mean	SD	CV%	Excluded
All Methods	305	159.72	7.77	4.87	10
ISE direct - (Your Method)	214	--	--	--	6
ACCULYTE-3P - (Your Analyzer)	20	0.00	0.00	0.00	--

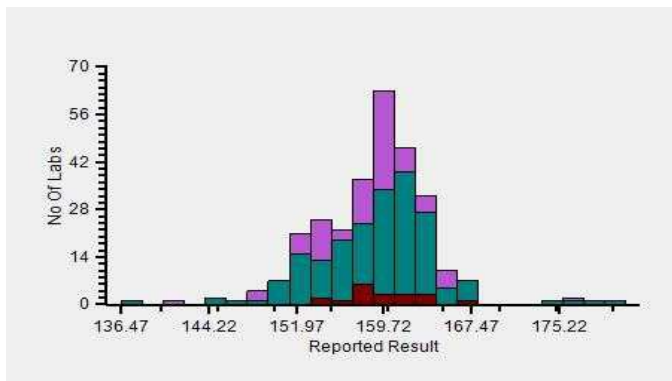
Evaluation Based On - Method wise Peer Grouping

Your Result	126.46	SDI / z-Score	-2.87
Assigned Value	159.15	Average SDI	-2.37
SDPA	11.400	Uncertainty of AV	0.39
Standard Unit Result Val	126.46	%DEV	

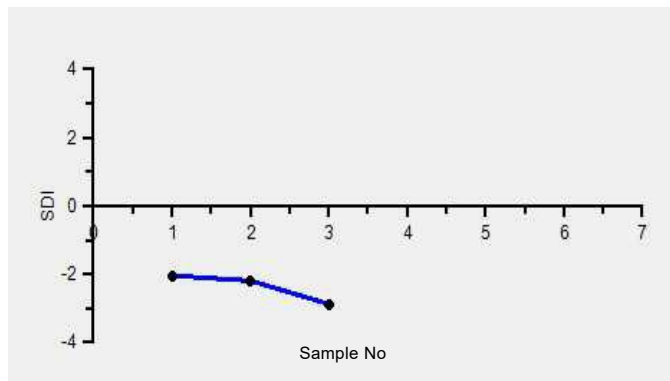
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

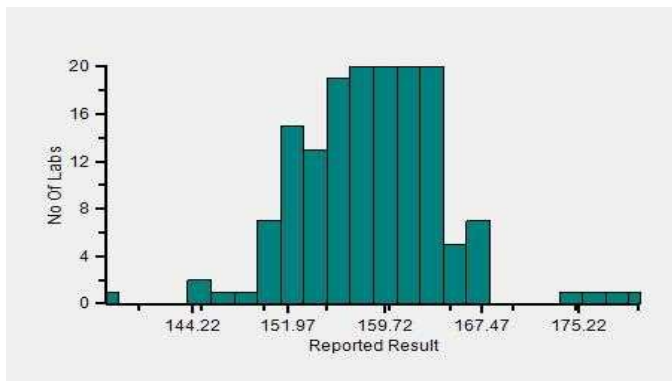
Frequency Histogram



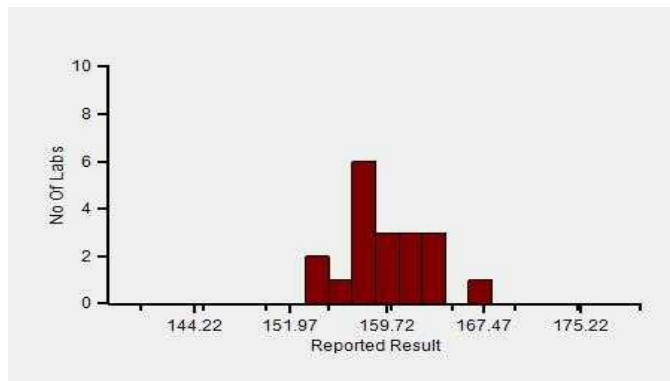
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230412

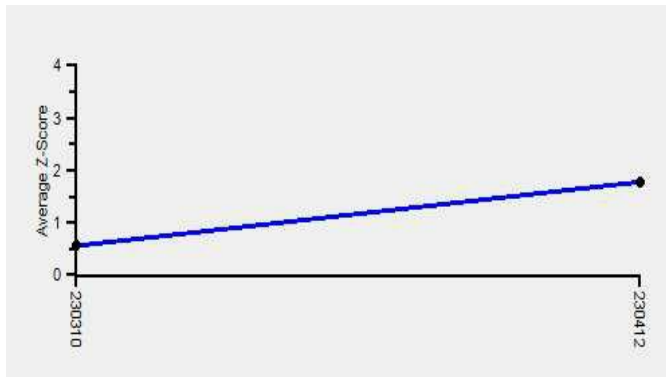
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



Note : SDI with * marked are not considered for evaluation

Comments :

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	305	159.72	7.77	4.87	10
Your Analyzer :	ACCULYTE-3P	20	0.00	0.00	0.00	-
	Fuji Dri-Chem NX500/i	36	0.00	0.00	0.00	-
	Roche cobas c 311	26	0.00	0.00	0.00	-
	Fuji Dri-Chem NX600	15	0.00	0.00	0.00	2
	Fuji Dri-Chem 4000i	14	0.00	0.00	0.00	-
	EasyLyte	14	158.26	7.19	4.54	1
	Sensa Core ST200 Aqua	14	0.00	0.00	0.00	-
	EasyLyte	13	0.00	0.00	0.00	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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PC-1022