



# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, RAJPURA (1053)

## Outlier And Analyte Summary Report

Outlier Details For Cycle No 230310 and Sample No 01

Report Date : 19/12/2023

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Albumin	Diasys 200 Pro	0.34	g/L	-7.76
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
<b>X</b> Albumin	g/dL	0.34	3.60	-7.76	-8.53
<b>#</b> Urea	mg/dl	17.40	20.69		-0.68
@ Creatinine	mg/dl	0.87	0.83	0.75	-0.52
@ Bilirubin Total	mg/dl	0.30	0.29	0.90	1.23
@ Total Protein	g/dL	5.31	5.77	-0.88	-0.46
@ Uric Acid	mg/dl	3.50	3.73	-0.94	-0.70
@ Calcium	mg/dl	7.38	7.35	0.48	13.71
@ Cholesterol	mg/dl	122.00	130.32	-0.85	-0.62
@ Triglycerides	mg/dl	109.00	118.40	-1.54	-1.29
@ HDL	mg/dl	31.00	33.30	-0.19	-0.06
@ LDL	mg/dl	72.72	73.11	-0.08	-0.41
@ ALT	U/L	16.50	13.60	1.02	0.51
@ AST	U/L	25.84	26.36	0.02	0.04
@ ALP	U/L	42.33	43.12	-0.36	0.58

Instrument : **ACCULYTE-3P**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	85.83	81.59	1.02	0.69
@ Sodium	mmol/L	102.10	106.54	-0.95	-0.56
@ Potassium	mmol/L	3.33	3.48	-0.58	-0.42

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

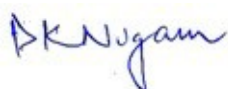
**X** : z score ≥ 3 - Unacceptable

**#** : Not Evaluated

Ⓞ : Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters	17
Not Evaluated Parameters	1
Evaluated Parameters	16
Outlier Parameters (X)	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

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Creatinine	Diasys 200 Pro	0.19	mg/dl	-2.91
X Albumin	Diasys 200 Pro	0.35	g/L	-8.48
X Calcium	Diasys 200 Pro	30.80	mmol/L	39.98
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
X Albumin	g/dL	0.35	3.68	-8.48	-8.53
X Calcium	mg/dl	30.80	7.47	39.98	13.71
@ Glucose	mg/dl	73.90	78.34	-0.16	-0.10
@ Urea	mg/dl	16.00	20.41	-1.36	-0.68
! Creatinine	mg/dl	0.19	0.58	-2.91	-0.52
@ Bilirubin Total	mg/dl	3.30	2.34	1.56	1.23
@ Bilirubin Direct	mg/dl	0.40	0.30	1.06	1.06
@ Total Protein	g/dL	5.70	5.81	-0.04	-0.46
@ Uric Acid	mg/dl	3.69	3.78	-0.66	-0.70
@ Cholesterol	mg/dl	129.00	136.84	-0.38	-0.62
@ Triglycerides	mg/dl	106.00	112.68	-1.03	-1.29
@ HDL	mg/dl	18.00	16.83	0.08	-0.06
@ LDL	mg/dl	75.42	73.56	-0.73	-0.41
@ ALP	U/L	56.37	42.57	1.51	0.58

Instrument : ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	88.78	84.96	0.88	0.69
@ Sodium	mmol/L	104.43	109.02	-0.85	-0.56
@ Potassium	mmol/L	3.40	3.56	-0.63	-0.42

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

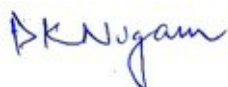
X : z score ≥ 3 - Unacceptable

# : Not Evaluated

Ⓞ : Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters	17
Not Evaluated Parameters	0
Evaluated Parameters	17
Outlier Parameters (X)	2
EQAS Score Biochemistry	88.24 %



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# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, RAJPURA (1053)

## Outlier And Analyte Summary Report

Outlier Details For Cycle No 230310 and Sample No 03

Report Date : 19/12/2023

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Albumin	Diasys 200 Pro	0.38	g/L	-9.36
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

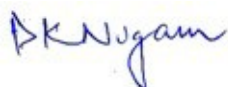
Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
X Albumin	g/dL	0.38	3.95	-9.36	-8.53
@ Glucose	mg/dl	76.80	81.31	-0.03	-0.10
@ Creatinine	mg/dl	0.87	0.88	0.60	-0.52
@ Uric Acid	mg/dl	4.11	4.21	-0.51	-0.70
@ Calcium	mg/dl	8.29	8.04	0.67	13.71
# ALT	U/L	3.60	3.27		0.51
@ AST	U/L	14.74	13.93	0.06	0.04

Instrument : ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	120.57	115.04	0.18	0.69
@ Sodium	mmol/L	180.00	177.36	0.13	-0.56
@ Potassium	mmol/L	6.80	6.94	-0.04	-0.42

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	10
Not Evaluated Parameters	1
Evaluated Parameters	9
Outlier Parameters (X)	1
EQAS Score Biochemistry	88.89 %



**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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Albumin, g/L**

**Comparative Statistics**

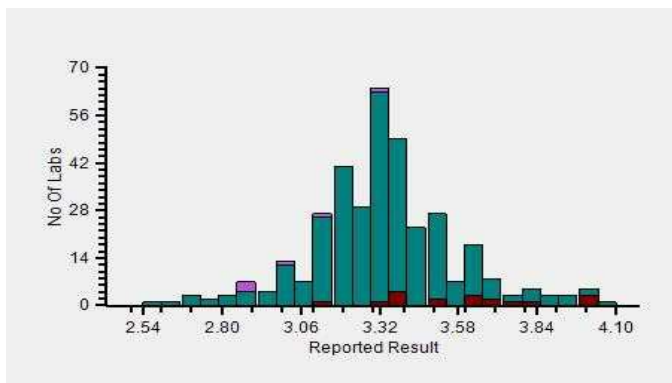
	N	Mean	SD	CV%	Excluded
All Methods	369	3.32	0.26	7.95	11
Bromcresol Green (BCG) - (Your Method)	364	3.33	0.26	7.87	10
Diasys 200 Pro - (Your Analyzer)	22	3.60	0.25	7.01	4

<b>Your Result</b>	3.40	<b>SDI / z-Score</b>	-7.76
<b>Assigned Value</b>	3.29	<b>Average SDI</b>	-8.53
<b>SDPA</b>	0.380	<b>Uncertainty of AV</b>	0.03
<b>Standard Unit Result Val</b>	0.34	<b>%DEV</b>	-90.55

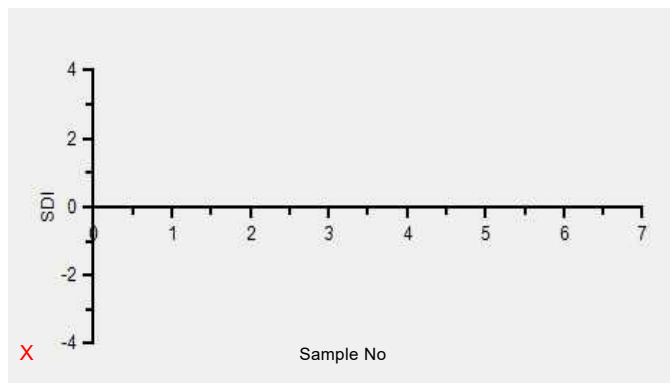
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

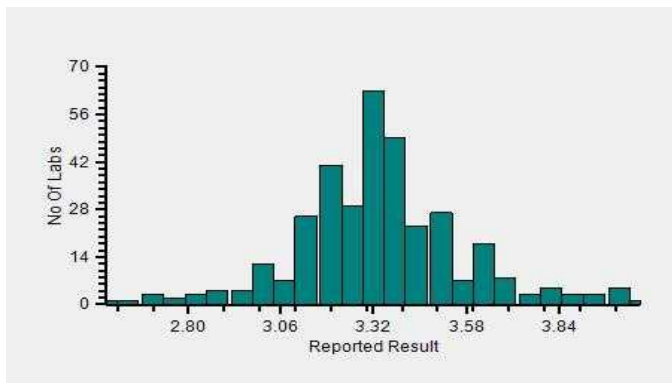
Frequency Histogram



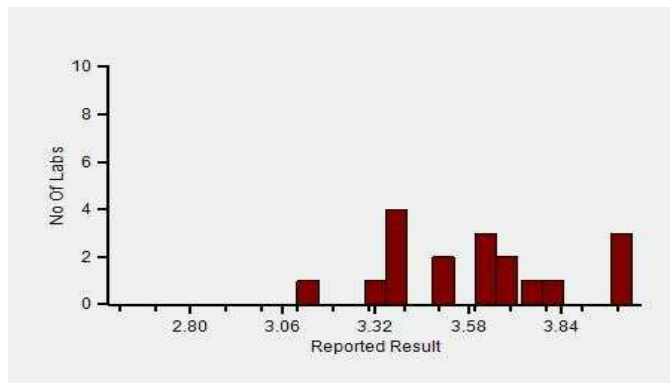
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	369	3.32	0.26	7.95	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>3.60</b>	<b>0.25</b>	<b>7.01</b>	<b>4</b>
	Erba EM 200	40	3.36	0.24	7.03	-
	Roche cobas c 311	37	3.27	0.16	4.90	-
	Fuji Dri-Chem NX500/i	33	3.48	0.30	8.56	-
	Roche cobas c 111	22	3.36	0.27	7.89	2
	ERBA XL-640	20	3.29	0.22	6.53	-
	Roche cobas 6000	12	3.24	0.14	4.32	-
	Roche cobas INTEGRA	12	3.32	0.27	8.22	-

Remarks: Interpretation of your reports

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

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

- Reported on 2 samples:
  - Two out of two pass - Acceptable performance
  - One out of two pass - Review for random error & take action if appropriate
  - Both failed - Unacceptable performance, Review for systematic error
- Reported on 3 samples:
  - All pass - Acceptable performance
  - Two out of three pass - Review for random error & take action if appropriate
  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error





Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, ALP, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	364	46.31	10.57	22.82	9
IFCC - (Your Method)	70	44.36	7.81	17.61	1
Diasys 200 Pro - (Your Analyzer)	22	43.12	6.70	15.53	1

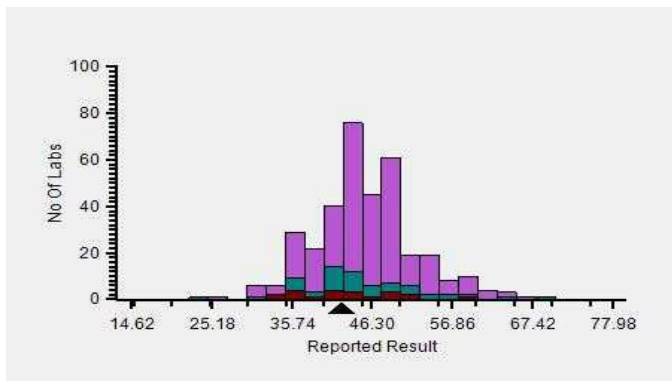
**Evaluation Based On - Method wise Peer Grouping**

Your Result	42.33	SDI / z-Score	-0.36
Assigned Value	45.29	Average SDI	0.57
SDPA	8.330	Uncertainty of AV	0.41
Standard Unit Result Val	42.33	%DEV	-1.83

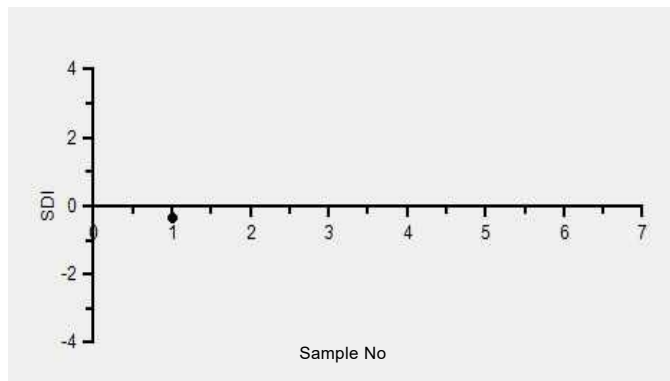
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

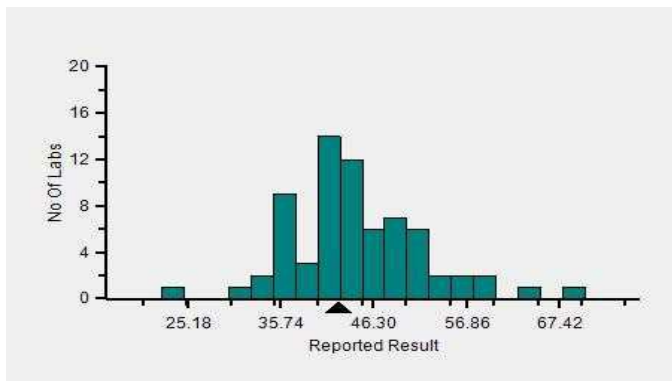
Frequency Histogram



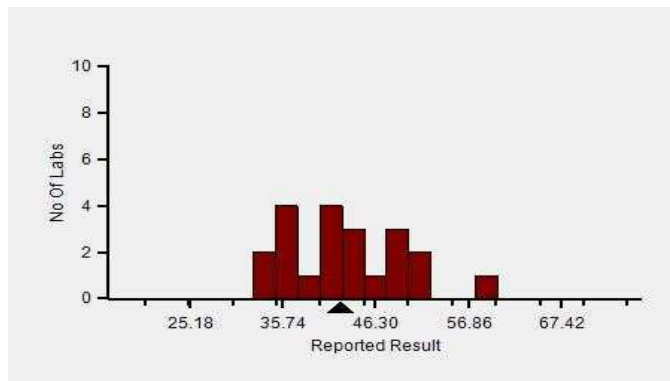
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	364	46.31	10.57	22.82	9
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>43.12</b>	<b>6.70</b>	<b>15.53</b>	<b>1</b>
	Erba EM 200	37	46.53	7.86	16.89	2
	Roche cobas c 311	36	45.77	3.84	8.40	-
	Fuji Dri-Chem NX500/i	31	49.00	6.28	12.82	-
	Roche cobas c 111	23	42.65	3.58	8.38	1
	ERBA XL-640	21	45.90	6.48	14.12	1
	Roche cobas 6000	12	46.12	3.21	6.96	-
	Roche cobas INTEGRA	12	47.25	5.81	12.29	-

Remarks: Interpretation of your reports

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

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



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, ALT, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	369	15.64	3.33	21.32	12
IFCC - (Your Method)	76	15.00	3.98	26.52	6
Diasys 200 Pro - (Your Analyzer)	22	13.60	2.91	21.38	1

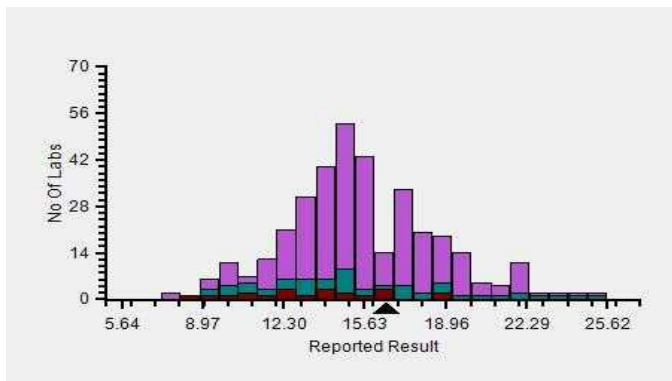
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	16.50	SDI / z-Score	1.02
Assigned Value	13.64	Average SDI	1.02
SDPA	2.809	Uncertainty of AV	0.69
Standard Unit Result Val	16.50	%DEV	21.32

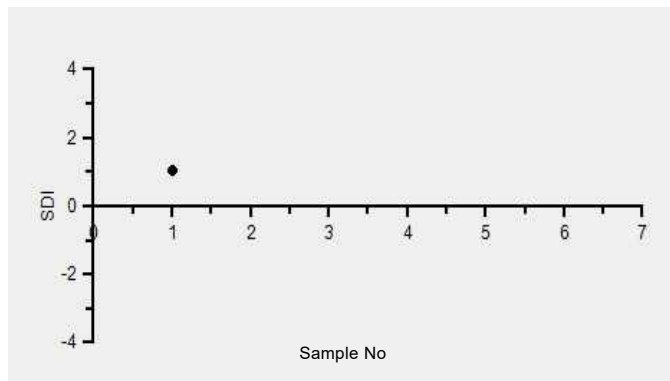
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

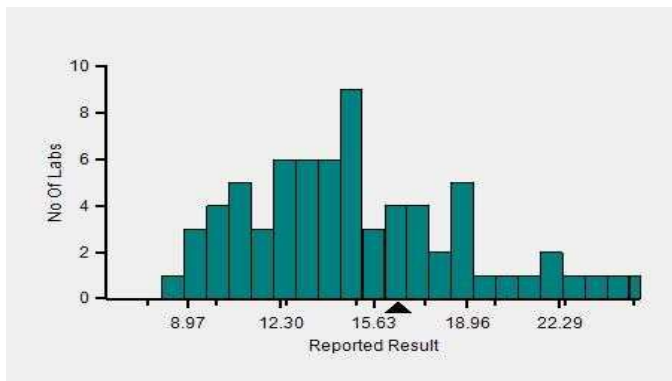
Frequency Histogram



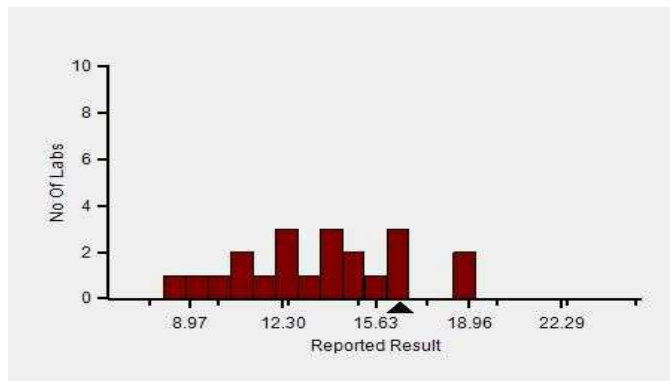
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	369	15.64	3.33	21.32	12
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>13.60</b>	<b>2.91</b>	<b>21.38</b>	<b>1</b>
	Erba EM 200	41	14.34	3.58	24.93	1
	Roche cobas c 311	37	17.50	2.13	12.18	-
	Fuji Dri-Chem NX500/i	30	16.07	1.76	10.95	-
	Roche cobas c 111	23	15.44	1.97	12.78	-
	ERBA XL-640	21	17.48	4.57	26.12	1
	Roche cobas 6000	12	16.94	1.81	10.70	-
	Roche cobas INTEGRA	12	13.68	1.70	12.45	-

Remarks: Interpretation of your reports

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

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

- Reported on 2 samples:
  - Two out of two pass - Acceptable performance
  - One out of two pass - Review for random error & take action if appropriate
  - Both failed - Unacceptable performance, Review for systematic error
- Reported on 3 samples:
  - All pass - Acceptable performance
  - Two out of three pass - Review for random error & take action if appropriate
  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, AST, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	365	26.83	4.47	16.65	15
IFCC - (Your Method)	75	25.78	5.29	20.52	5
Diasys 200 Pro - (Your Analyzer)	22	26.37	4.10	15.53	1

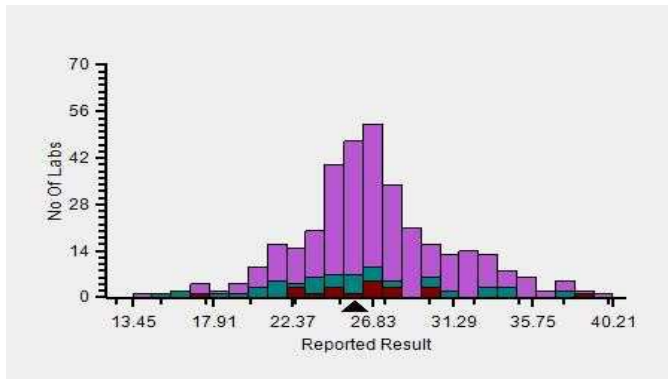
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	25.84	SDI / z-Score	0.02
Assigned Value	25.76	Average SDI	0.04
SDPA	4.660	Uncertainty of AV	0.88
Standard Unit Result Val	25.84	%DEV	-1.99

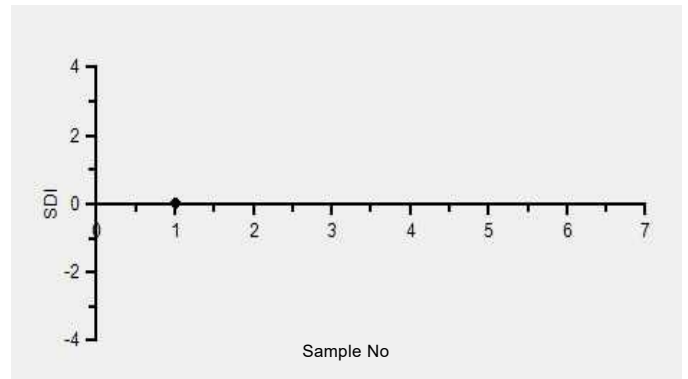
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

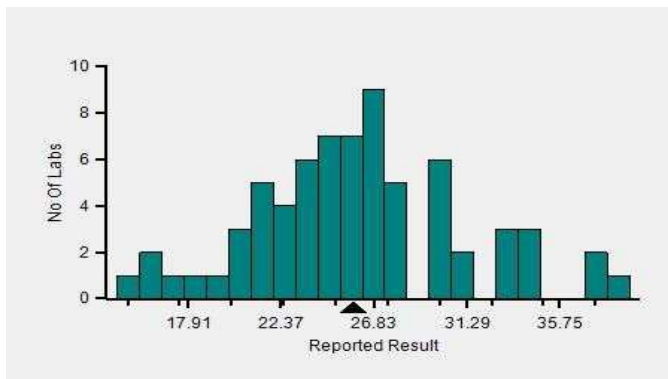
Frequency Histogram



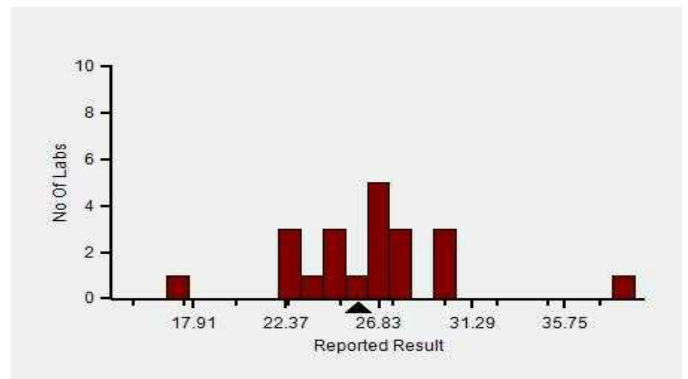
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	365	26.83	4.47	16.65	15
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>26.37</b>	<b>4.10</b>	<b>15.53</b>	<b>1</b>
	Erba EM 200	40	23.55	3.89	16.51	4
	Roche cobas c 311	35	27.77	2.61	9.38	1
	Fuji Dri-Chem NX500/i	31	26.48	1.71	6.46	-
	Roche cobas c 111	22	27.06	3.04	11.22	-
	ERBA XL-640	21	24.56	5.10	20.78	1
	Roche cobas 6000	12	26.46	2.17	8.22	-
	Roche cobas INTEGRA	12	24.39	2.44	10.02	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Bilirubin Total, mg/dl**

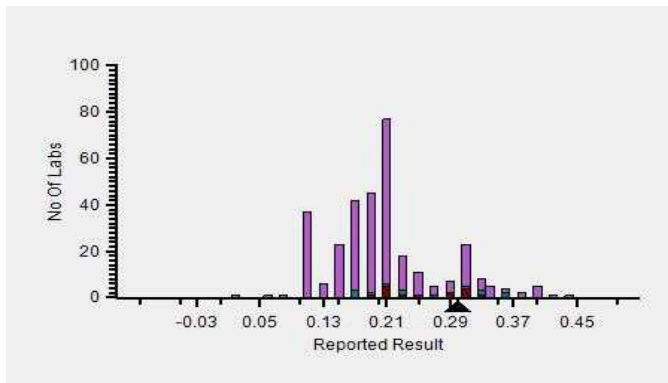
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	365	0.21	0.08	39.13	37
DCA - (Your Method)	36	0.27	0.10	35.53	5
Diasys 200 Pro - (Your Analyzer)	22	0.29	0.11	37.33	4

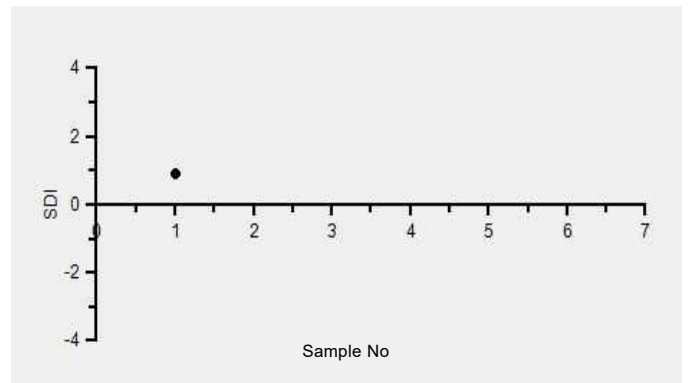
<b>Your Result</b>	0.30	<b>SDI / z-Score</b>	0.90
<b>Assigned Value</b>	0.21	<b>Average SDI</b>	1.23
<b>SDPA</b>	0.105	<b>Uncertainty of AV</b>	0.01
<b>Standard Unit Result Val</b>	0.30	<b>%DEV</b>	2.74

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

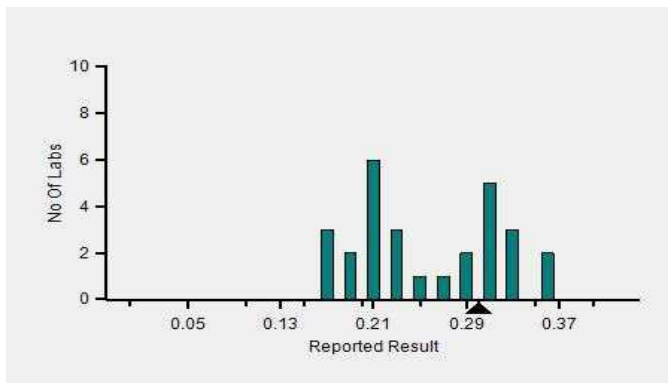
Frequency Histogram



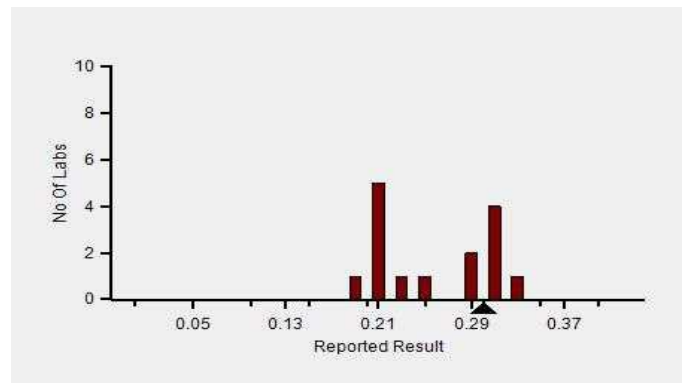
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	365	0.21	0.08	38.94	37
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>0.29</b>	<b>0.11</b>	<b>37.33</b>	<b>4</b>
	Erba EM 200	39	0.19	0.04	22.28	-
	Roche cobas c 311	36	0.17	0.03	15.88	-
	Fuji Dri-Chem NX500/i	32	0.19	0.08	43.92	4
	ERBA XL-640	21	0.18	0.04	22.03	3
	Roche cobas c 111	21	0.16	0.05	33.33	-
	Roche cobas 6000	12	0.17	0.02	12.72	-
	Roche cobas INTEGRA	12	0.18	0.04	19.66	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Calcium, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	313	7.08	0.53	7.41	8
Arsenazo III - (Your Method)	146	7.23	0.53	7.36	3
Diasys 200 Pro - (Your Analyzer)	21	7.36	0.57	7.75	1

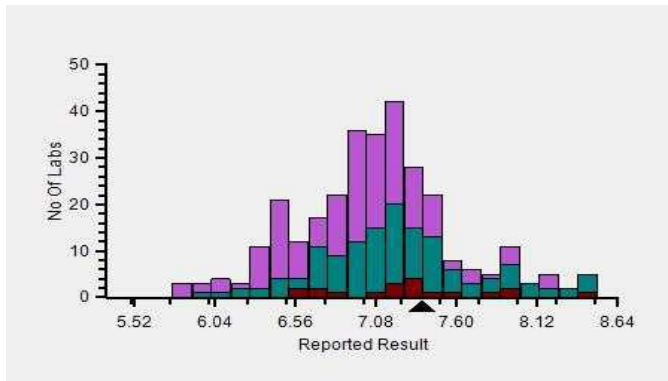
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	7.38	SDI / z-Score	0.47
Assigned Value	7.15	Average SDI	13.71
SDPA	0.480	Uncertainty of AV	0.05
Standard Unit Result Val	7.38	%DEV	0.34

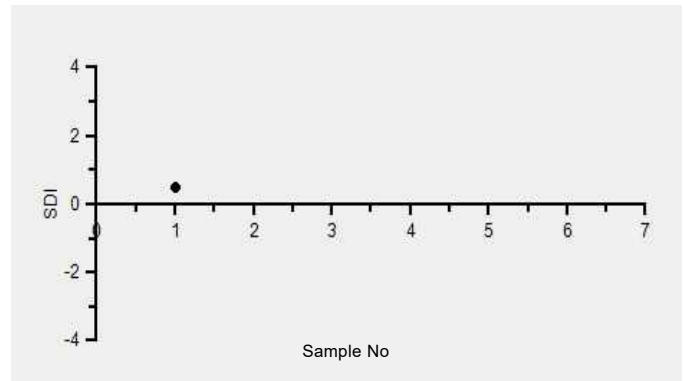
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

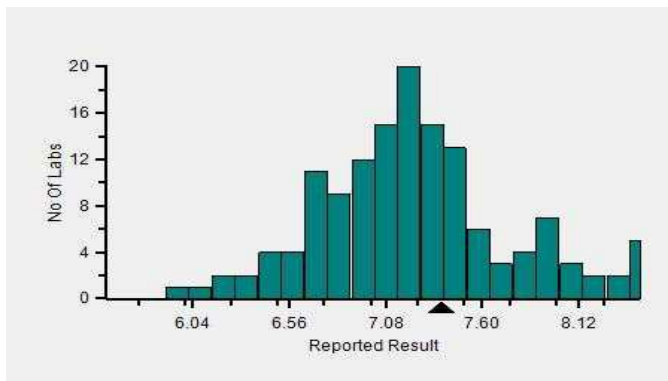
Frequency Histogram



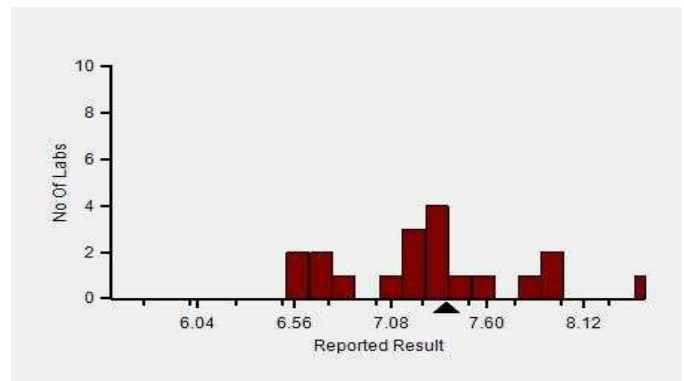
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	313	7.08	0.53	7.41	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>21</b>	<b>7.36</b>	<b>0.57</b>	<b>7.75</b>	<b>1</b>
	Roche cobas c 311	37	7.08	0.31	4.44	-
	Erba EM 200	31	7.26	0.55	7.51	-
	Fuji Dri-Chem NX500/i	29	6.50	0.42	6.53	1
	Roche cobas c 111	17	6.95	0.42	5.98	2
	Fuji Dri-Chem NX600	13	6.37	0.34	5.39	-
	Roche cobas 6000	12	6.97	0.25	3.63	-
	Roche cobas INTEGRA	12	7.12	0.32	4.43	-

Remarks: Interpretation of your reports

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

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

a) Reported on 2 samples:

- Two out of two pass - Acceptable performance
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- 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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Chloride, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	303	79.69	4.66	5.85	12
ISE direct - (Your Method)	209	80.52	4.88	6.06	9
ACCULYTE-3P - (Your Analyzer)	20	81.59	4.28	5.25	2

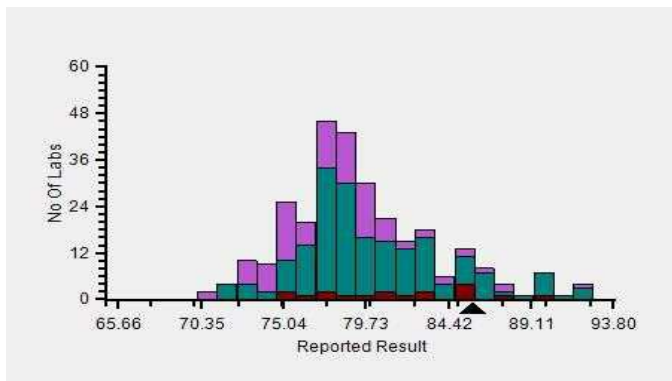
**Evaluation Based On - Method wise Peer Grouping**

Your Result	85.83	SDI / z-Score	1.02
Assigned Value	79.93	Average SDI	0.69
SDPA	5.800	Uncertainty of AV	0.36
Standard Unit Result Val	85.83	%DEV	5.19

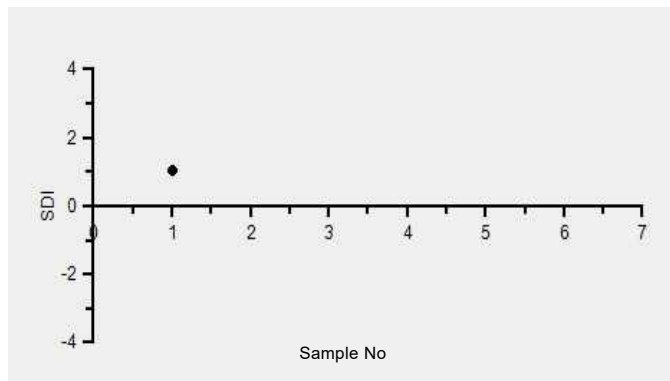
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

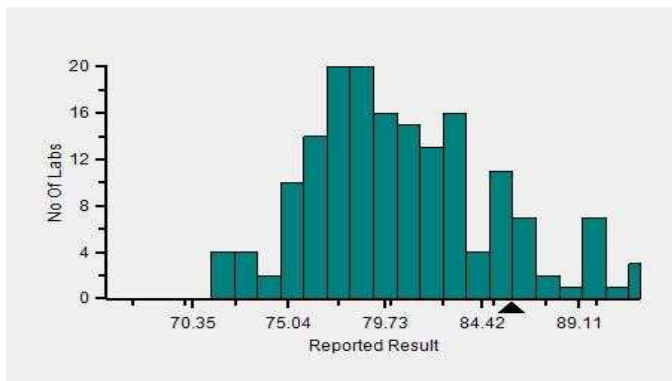
Frequency Histogram



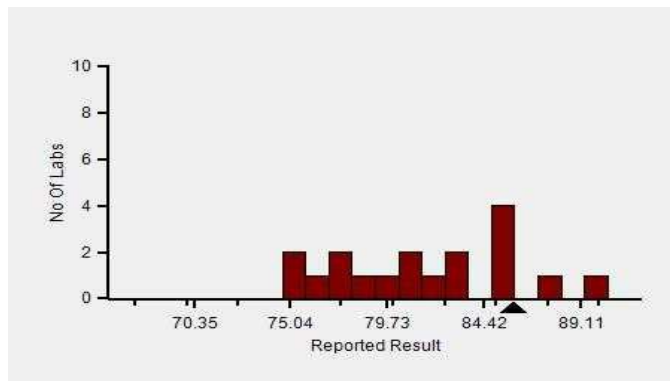
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Report Date : 19/12/2023

Cycle No : 230310

Sample No : 01

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	303	79.69	4.66	5.85	12
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>81.59</b>	<b>4.28</b>	<b>5.25</b>	<b>2</b>
	Fuji Dri-Chem NX500/i	34	78.13	2.72	3.48	-
	Roche cobas c 311	27	77.20	3.62	4.69	-
	Fuji Dri-Chem NX600	15	77.87	1.96	2.52	-
	Fuji Dri-Chem 4000i	13	78.46	2.73	3.48	-
	Roche AVL 9180	11	80.32	7.25	9.02	-
	EasyLyte	11	79.28	4.33	5.47	-
	Sensa Core ST200 Aqua	11	85.86	6.38	7.43	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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  - Two out of three pass - Review for random error & take action if appropriate
  - One out of three pass - Unacceptable performance, Review for systematic error
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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Cholesterol, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	365	127.82	9.52	7.45	9
CHOD-PAP - (Your Method)	113	128.78	10.10	7.85	3
Diasys 200 Pro - (Your Analyzer)	22	130.32	6.25	4.80	1

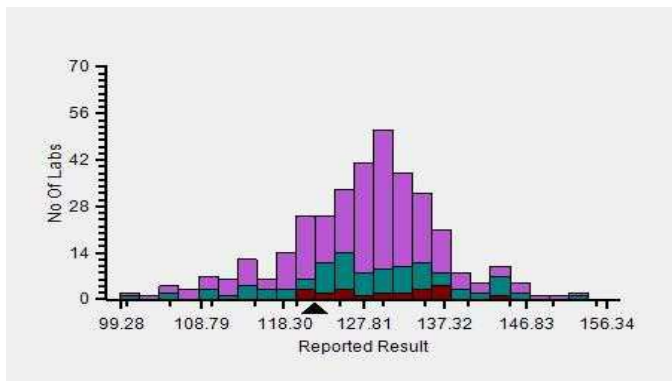
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	122.00	SDI / z-Score	-0.85
Assigned Value	130.81	Average SDI	-0.62
SDPA	10.400	Uncertainty of AV	1.03
Standard Unit Result Val	122.00	%DEV	-6.38

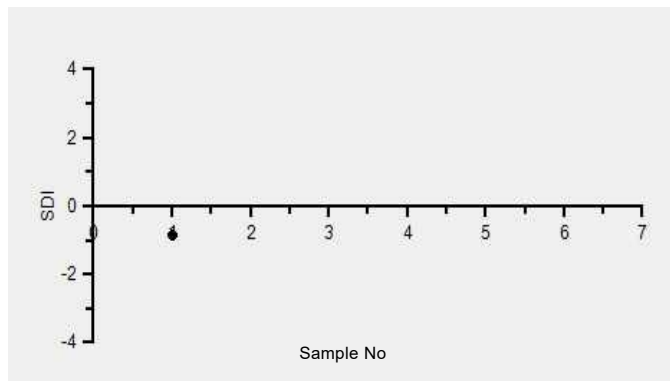
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

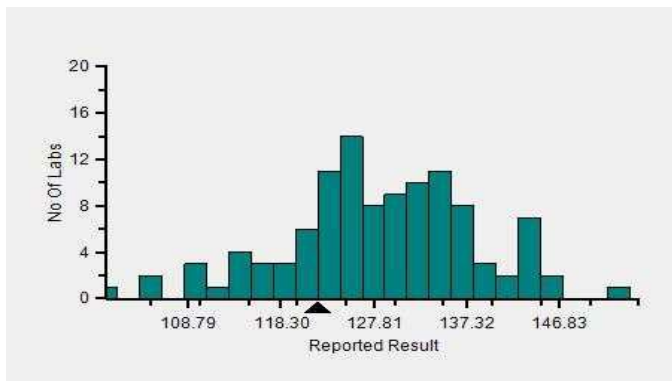
Frequency Histogram



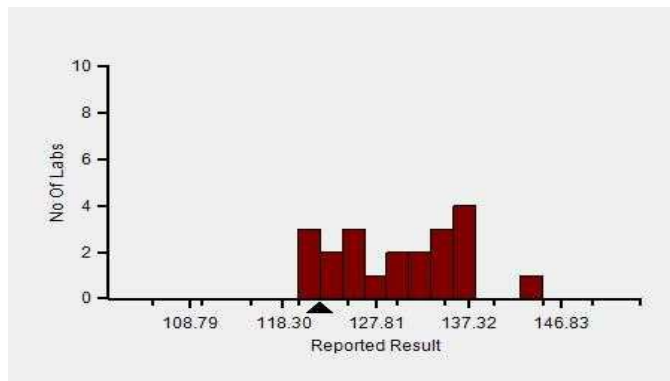
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	365	127.82	9.52	7.45	9
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>130.32</b>	<b>6.25</b>	<b>4.80</b>	<b>1</b>
	Erba EM 200	37	126.36	12.03	9.52	1
	Roche cobas c 311	37	131.92	6.21	4.71	2
	Fuji Dri-Chem NX500/i	31	124.45	8.18	6.57	-
	Roche cobas c 111	22	130.78	7.40	5.66	2
	ERBA XL-640	21	119.83	10.50	8.76	1
	Roche cobas 6000	12	129.64	3.92	3.02	-
	Roche cobas INTEGRA	12	127.69	4.14	3.24	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Creatinine, mg/dl**

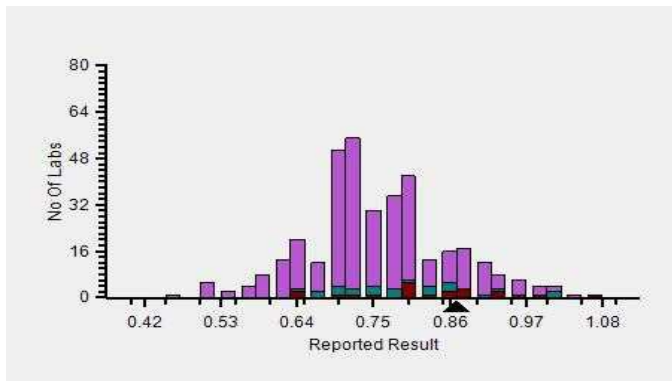
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	370	0.75	0.11	14.59	5
Jaffe - Alkaline picrate - (Your Method)	48	0.82	0.11	13.62	1
Diasys 200 Pro - (Your Analyzer)	22	0.83	0.11	12.62	1

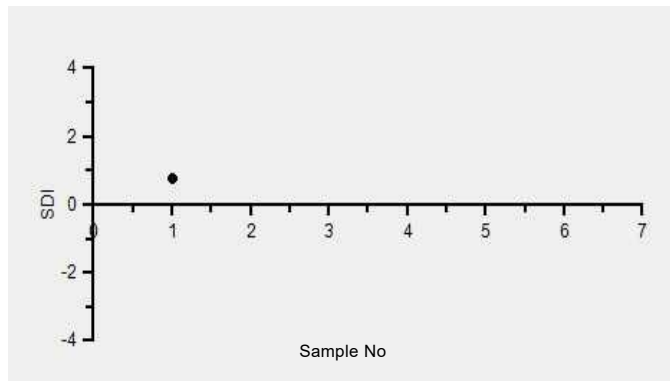
<b>Your Result</b>	0.87	<b>SDI / z-Score</b>	0.75
<b>Assigned Value</b>	0.78	<b>Average SDI</b>	-0.52
<b>SDPA</b>	0.124	<b>Uncertainty of AV</b>	0.02
<b>Standard Unit Result Val</b>	0.87	<b>%DEV</b>	4.57

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

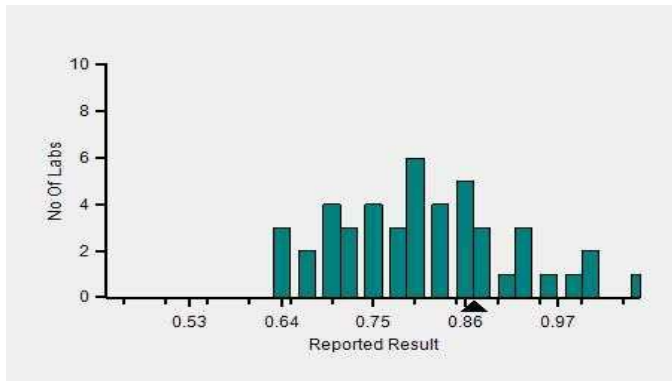
Frequency Histogram



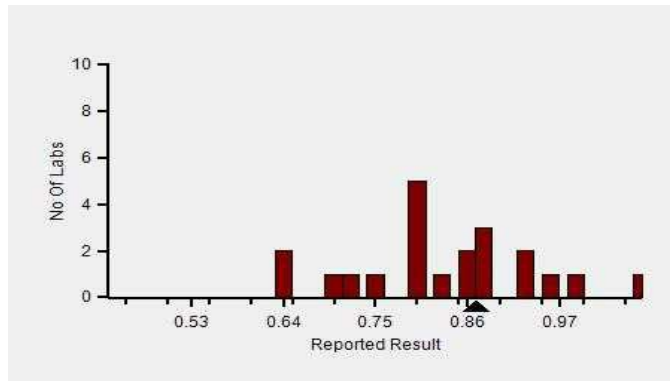
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	370	0.75	0.11	14.59	5
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>0.83</b>	<b>0.11</b>	<b>12.62</b>	<b>1</b>
	Erba EM 200	39	0.70	0.13	17.91	-
	Roche cobas c 311	37	0.74	0.06	7.88	-
	Fuji Dri-Chem NX500/i	30	0.76	0.06	8.47	-
	Roche cobas c 111	23	0.72	0.08	11.53	1
	ERBA XL-640	19	0.84	0.17	20.57	2
	Roche cobas 6000	12	0.74	0.05	6.34	-
	Roche cobas INTEGRA	12	0.74	0.12	15.68	-

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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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, HDL, mg/dl**

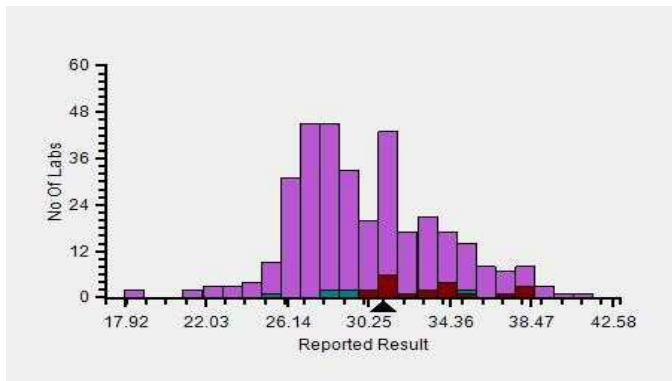
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	354	30.27	4.11	13.58	11
Direct measure, immunoinhibition - (Your Method)	27	32.40	3.38	10.44	2
Diasys 200 Pro - (Your Analyzer)	22	33.30	2.77	8.33	2

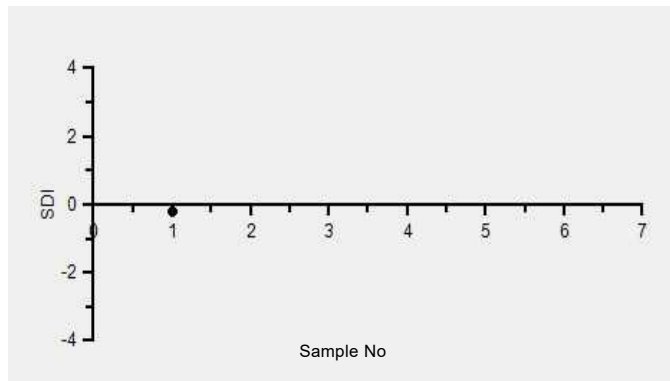
<b>Your Result</b>	31.00	<b>SDI / z-Score</b>	-0.19
<b>Assigned Value</b>	31.73	<b>Average SDI</b>	-0.06
<b>SDPA</b>	3.848	<b>Uncertainty of AV</b>	0.44
<b>Standard Unit Result Val</b>	31.00	<b>%DEV</b>	-6.91

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

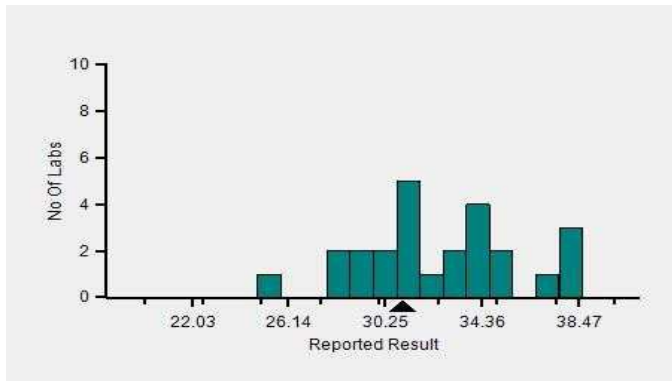
Frequency Histogram



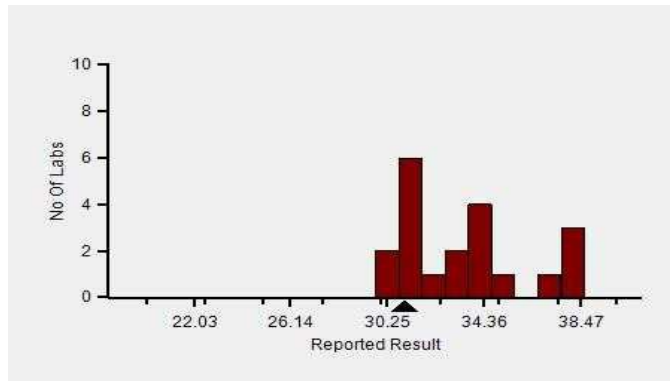
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	354	30.27	4.11	13.58	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>33.30</b>	<b>2.77</b>	<b>8.33</b>	<b>2</b>
	Roche cobas c 311	37	26.99	1.84	6.81	-
	Erba EM 200	35	32.02	4.32	13.48	1
	Fuji Dri-Chem NX500/i	32	29.61	2.17	7.32	-
	Roche cobas c 111	22	27.35	3.34	12.22	-
	ERBA XL-640	21	31.63	6.25	19.76	-
	Roche cobas 6000	12	27.17	0.96	3.52	-
	Roche cobas INTEGRA	11	26.61	1.30	4.87	-

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
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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, LDL, mg/dl**

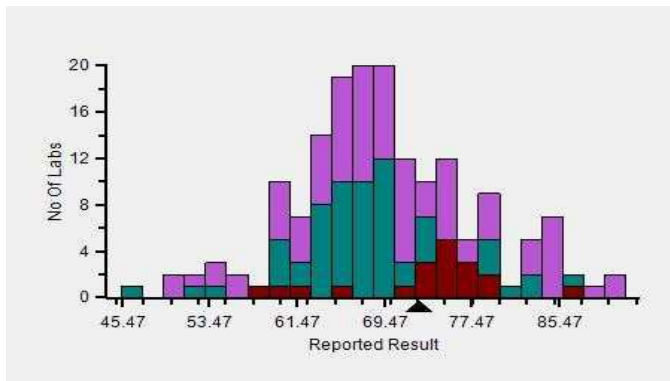
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	186	69.47	8.00	11.51	8
Direct measure - (Your Method)	87	69.07	7.36	10.66	7
Diasys 200 Pro - (Your Analyzer)	21	73.11	7.36	10.07	2

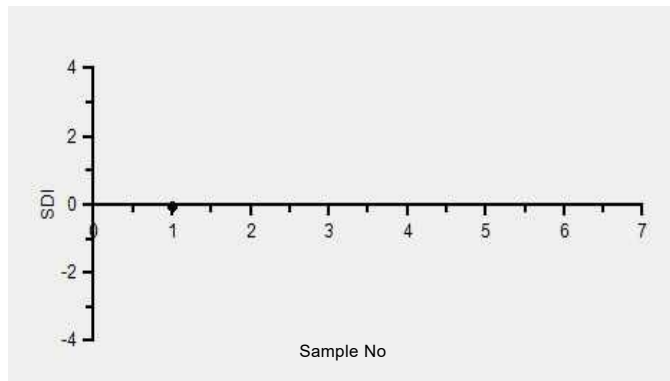
<b>Your Result</b>	72.72	<b>SDI / z-Score</b>	-0.08
<b>Assigned Value</b>	73.39	<b>Average SDI</b>	-0.41
<b>SDPA</b>	8.085	<b>Uncertainty of AV</b>	1.24
<b>Standard Unit Result Val</b>	72.72	<b>%DEV</b>	-0.54

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

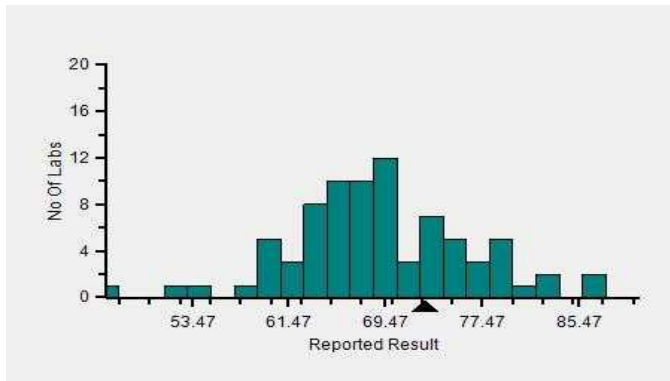
Frequency Histogram



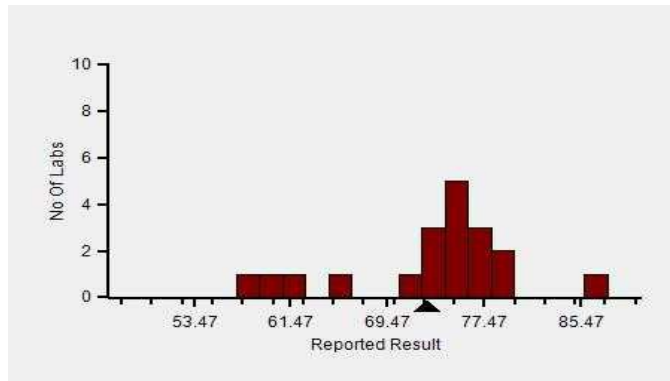
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	186	69.47	8.00	11.51	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>21</b>	<b>73.11</b>	<b>7.36</b>	<b>10.07</b>	<b>2</b>
	Roche cobas c 311	28	68.50	6.17	9.00	-
	Erba EM 200	16	69.57	11.60	16.68	2
	Roche cobas 6000	12	65.36	2.19	3.36	-
	Beckman Coulter DxC 700 AU	10	76.34	8.65	11.33	-
	ERBA XL-640	8	69.88	5.11	7.32	1
	Roche cobas c 111	8	63.06	9.38	14.87	1
	Roche cobas INTEGRA	7	69.05	2.75	3.99	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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	320	3.53	0.20	5.67	5
ISE direct - (Your Method)	227	3.51	0.21	5.93	4
ACCULYTE-3P - (Your Analyzer)	19	3.48	0.20	5.80	1

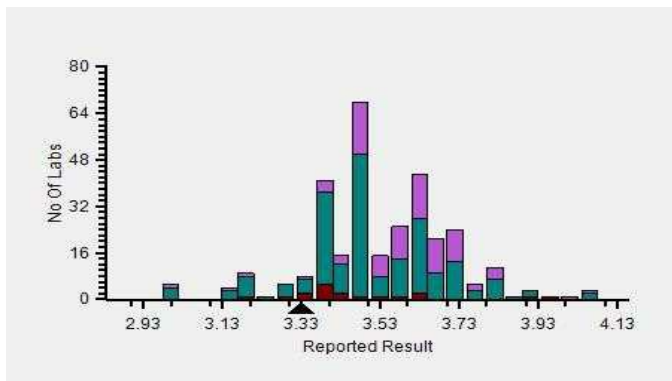
**Evaluation Based On - Method wise Peer Grouping**

Your Result	3.33	SDI / z-Score	-0.58
Assigned Value	3.51	Average SDI	-0.42
SDPA	0.310	Uncertainty of AV	0.03
Standard Unit Result Val	3.33	%DEV	-4.39

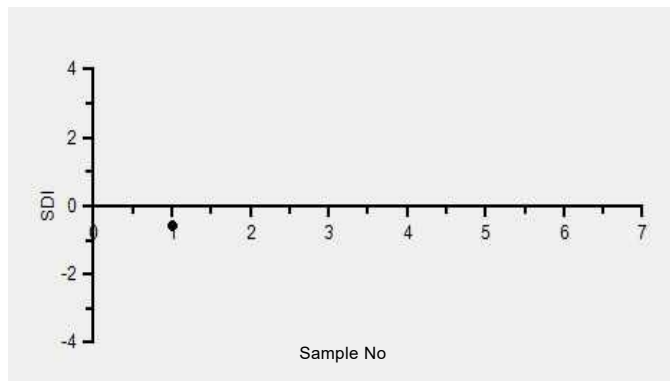
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

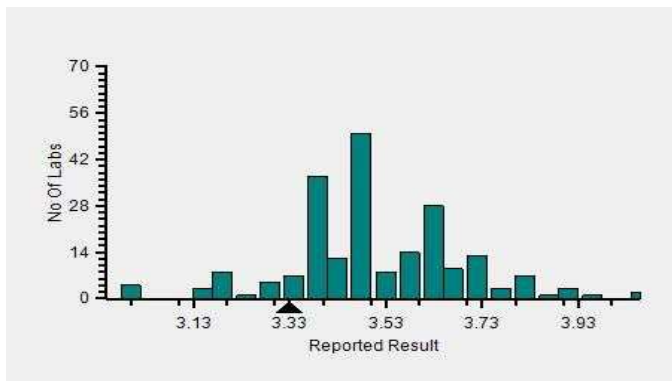
Frequency Histogram



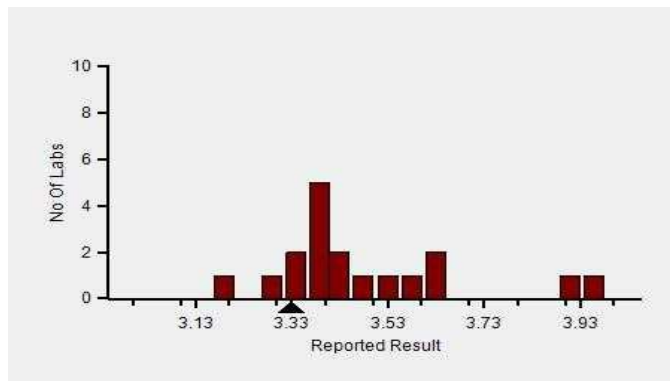
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	320	3.53	0.20	5.67	5
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>3.48</b>	<b>0.20</b>	<b>5.80</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	38	3.46	0.11	3.12	-
	Roche cobas c 311	26	3.65	0.10	2.77	-
	Roche AVL 9180	15	3.53	0.30	8.44	-
	EasyLyte	15	3.53	0.19	5.27	-
	Fuji Dri-Chem 4000i	14	3.49	0.14	3.95	-
	Fuji Dri-Chem NX600	14	3.46	0.12	3.53	-
	Sensa Core ST 200 plus	10	3.53	0.14	4.02	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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

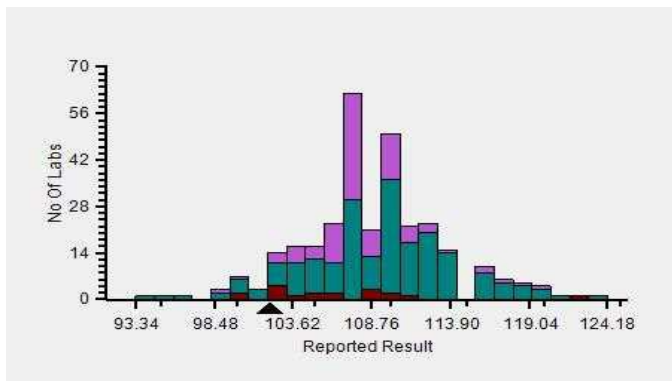
	N	Mean	SD	CV%	Excluded
All Methods	320	108.76	5.14	4.73	10
ISE direct - (Your Method)	225	108.93	5.57	5.11	8
ACCULYTE-3P - (Your Analyzer)	20	106.54	5.20	4.88	2

Evaluation Based On - Method wise Peer Grouping			
Your Result	102.10	SDI / z-Score	-0.95
Assigned Value	109.10	Average SDI	-0.56
SDPA	7.400	Uncertainty of AV	0.64
Standard Unit Result Val	102.10	%DEV	-4.17

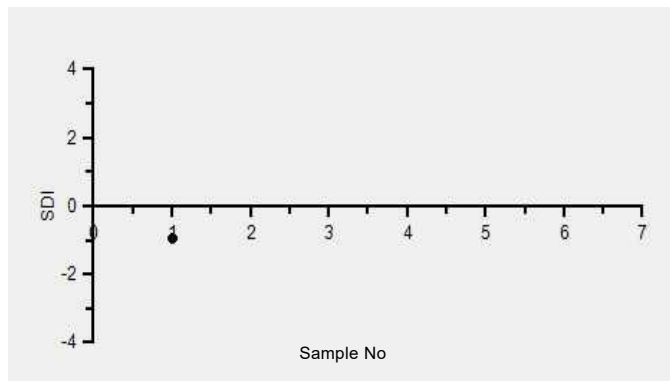
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

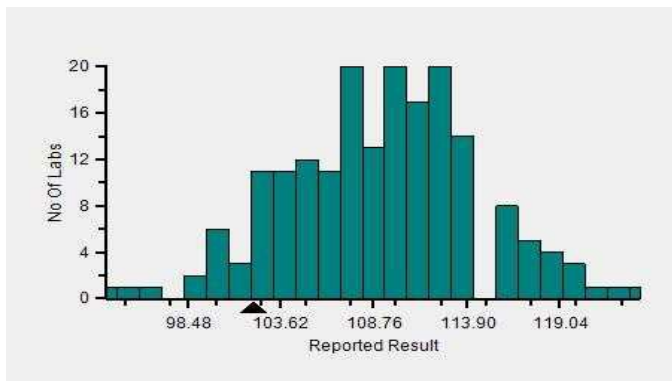
Frequency Histogram



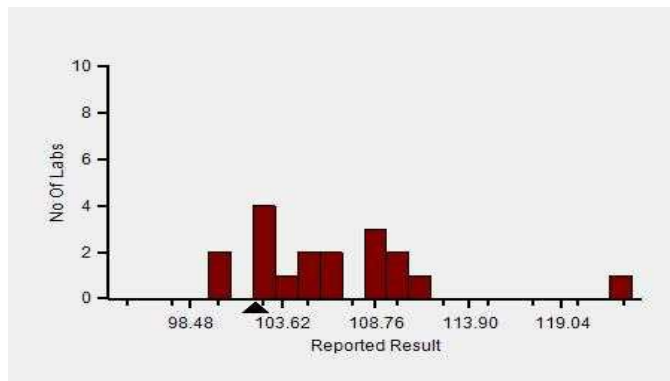
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	320	108.76	5.14	4.73	10
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>106.54</b>	<b>5.20</b>	<b>4.88</b>	<b>2</b>
	Fuji Dri-Chem NX500/i	39	109.90	3.02	2.75	-
	Roche cobas c 311	27	107.98	2.95	2.73	-
	Roche AVL 9180	15	106.41	8.55	8.03	-
	EasyLyte	15	107.81	4.51	4.19	-
	Fuji Dri-Chem NX600	14	108.86	3.16	2.90	-
	Fuji Dri-Chem 4000i	13	110.62	3.97	3.59	-
	Sensa Core ST 200 plus	10	111.69	7.13	6.39	-

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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- One out of two pass - Review for random error & take action if appropriate
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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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Total Protein, g/dL**

**Comparative Statistics**

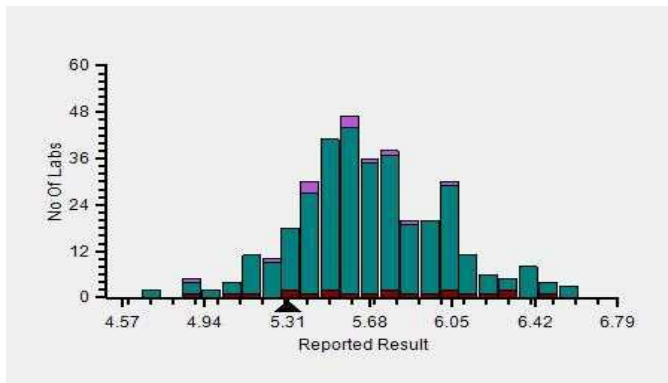
	N	Mean	SD	CV%	Excluded
All Methods	367	5.68	0.37	6.51	10
Biuret - (Your Method)	355	5.68	0.37	6.46	9
Diasys 200 Pro - (Your Analyzer)	22	5.77	0.49	8.54	--

<b>Your Result</b>	5.31	<b>SDI / z-Score</b>	-0.88
<b>Assigned Value</b>	5.70	<b>Average SDI</b>	-0.46
<b>SDPA</b>	0.442	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	5.31	<b>%DEV</b>	-7.99

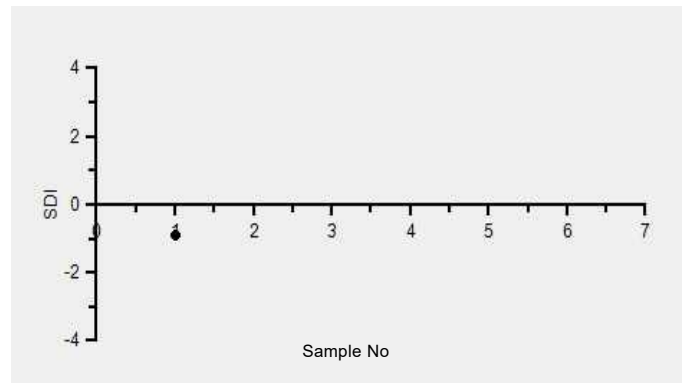
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

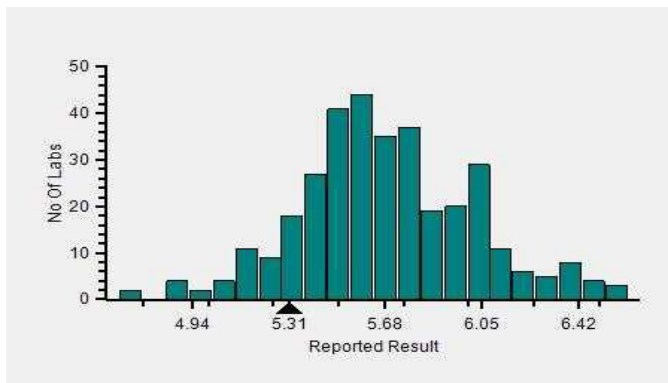
Frequency Histogram



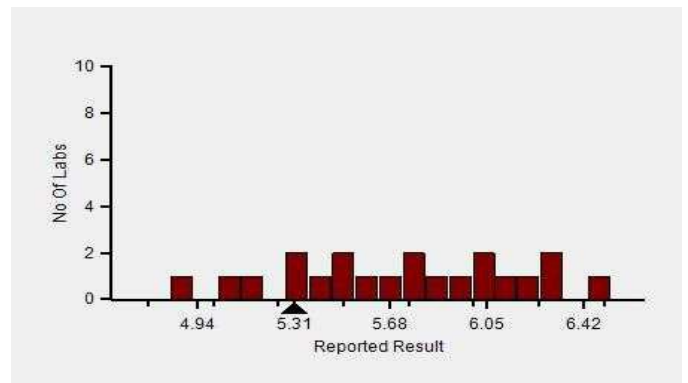
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	367	5.68	0.37	6.51	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>5.77</b>	<b>0.49</b>	<b>8.54</b>	-
	Erba EM 200	40	5.56	0.47	8.44	2
	Roche cobas c 311	36	5.61	0.17	3.07	-
	Fuji Dri-Chem NX500/i	32	5.93	0.32	5.43	-
	Roche cobas c 111	23	5.49	0.40	7.34	3
	ERBA XL-640	21	5.86	0.33	5.70	1
	Roche cobas INTEGRA	12	5.41	0.40	7.43	-
	Roche cobas INTEGRA	12	5.41	0.40	7.43	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Triglycerides, mg/dl**

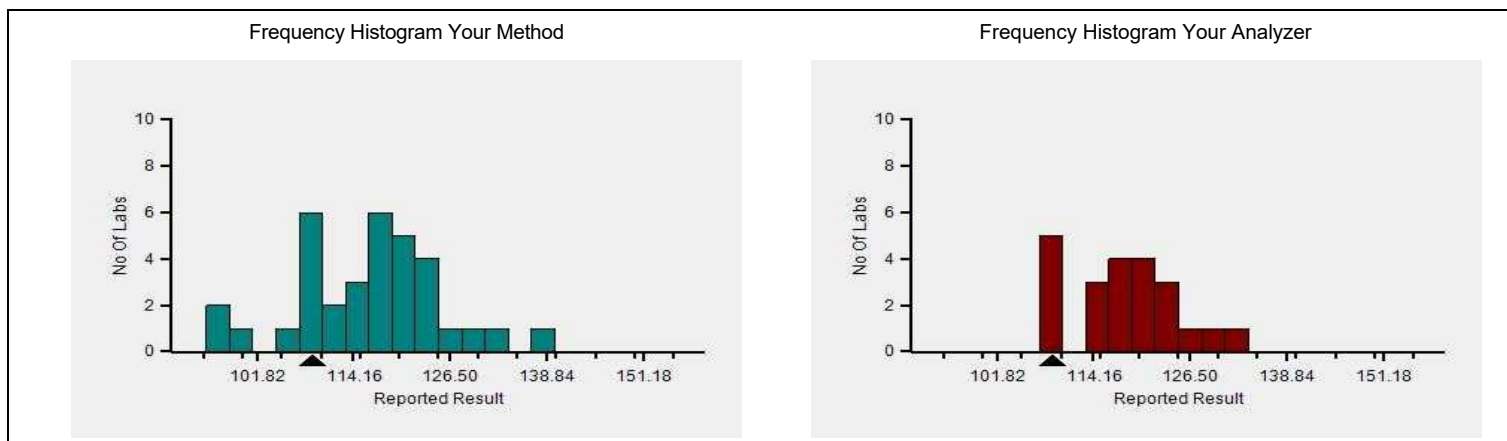
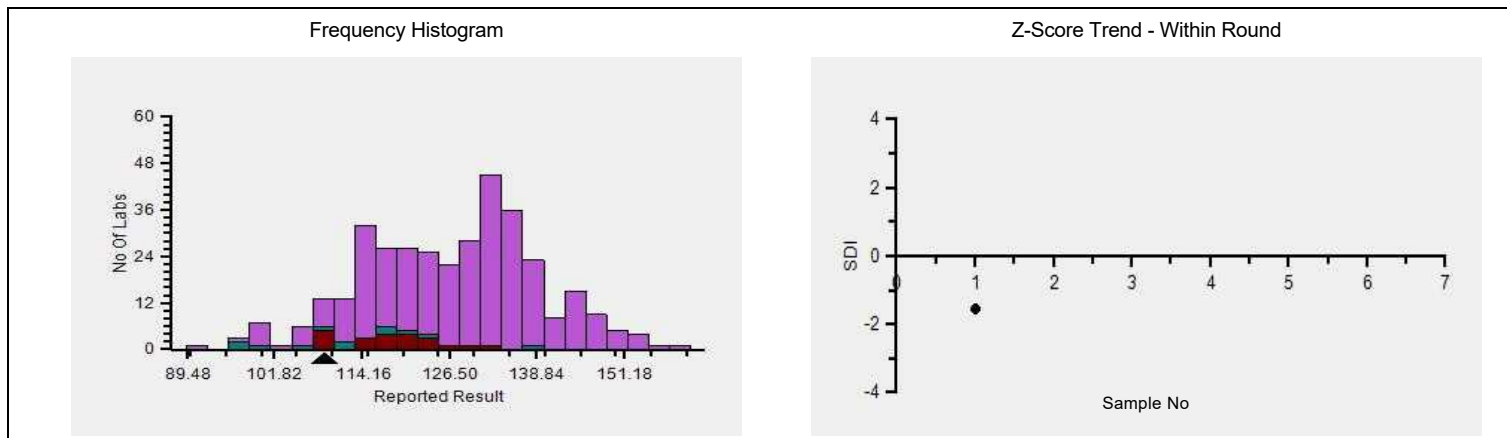
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	363	126.49	12.36	9.77	13
Colorimetric enzymatic - GPO - (Your Method)	34	116.35	9.17	7.88	--
Diasys 200 Pro - (Your Analyzer)	22	118.40	6.56	5.54	--

Evaluation Based On - Equipment wise Peer Grouping			
Your Result	109.00	SDI / z-Score	-1.54
Assigned Value	122.62	Average SDI	-1.29
SDPA	8.822	Uncertainty of AV	1.41
Standard Unit Result Val	109.00	%DEV	-7.94

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	363	126.49	12.36	9.77	13
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>118.40</b>	<b>6.56</b>	<b>5.54</b>	-
	Erba EM 200	37	112.82	10.51	9.31	1
	Roche cobas c 311	37	132.79	5.14	3.87	-
	Fuji Dri-Chem NX500/i	31	141.33	7.25	5.13	-
	Roche cobas c 111	23	134.15	10.29	7.67	1
	ERBA XL-640	20	113.62	10.94	9.63	3
	Roche cobas 6000	12	132.13	4.74	3.59	-
	Roche cobas INTEGRA	12	131.71	6.42	4.87	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Urea, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	367	20.11	2.23	11.08	11
Urease, UV - (Your Method)	85	20.59	2.62	12.71	3
Diasys 200 Pro - (Your Analyzer)	22	20.69	3.53	17.08	1

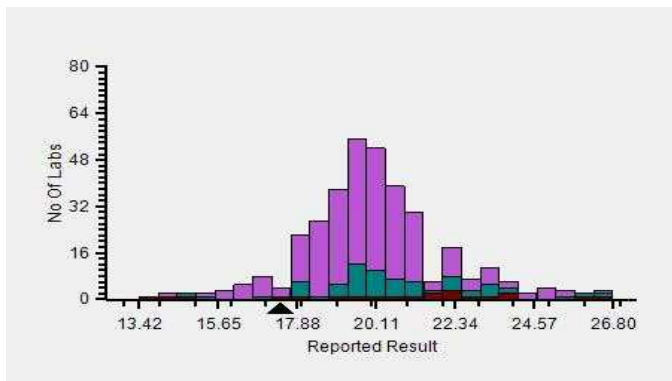
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	17.40	SDI / z-Score	
Assigned Value	#	Average SDI	-1.36
SDPA	#	Uncertainty of AV	
Standard Unit Result Val	17.40 #	%DEV	-15.90

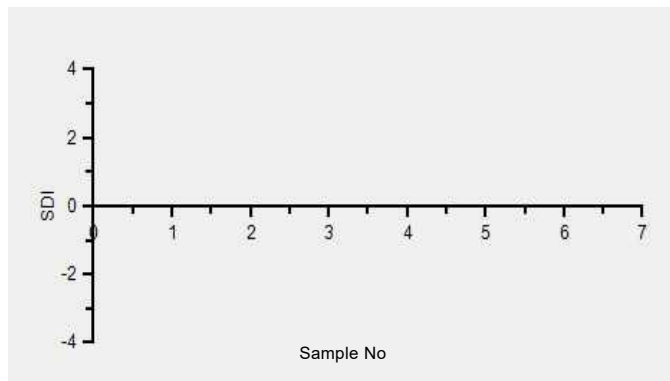
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

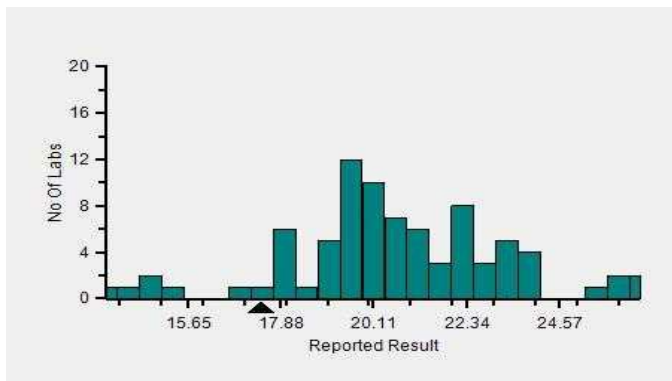
Frequency Histogram



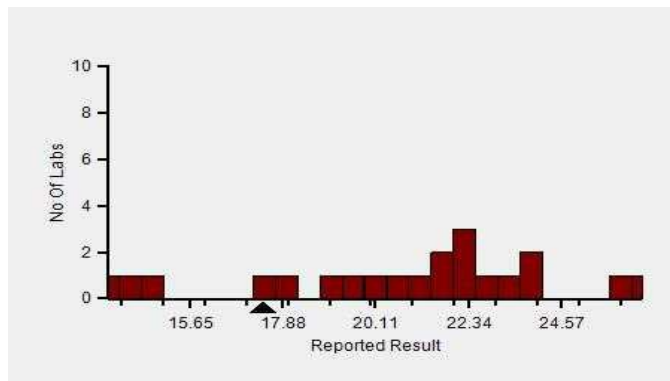
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	367	20.11	2.23	11.08	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>20.69</b>	<b>3.53</b>	<b>17.08</b>	<b>1</b>
	Erba EM 200	40	19.98	2.21	11.05	-
	Roche cobas c 311	37	20.11	1.12	5.56	1
	Fuji Dri-Chem NX500/i	31	19.87	0.87	4.40	1
	Roche cobas c 111	23	19.18	2.03	10.60	-
	ERBA XL-640	21	20.25	1.90	9.38	-
	Roche cobas 6000	12	19.89	0.90	4.52	-
	Roche cobas INTEGRA	12	19.25	1.35	7.00	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

**Biochemistry, Uric Acid, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	364	3.95	0.43	10.82	8
Uricase - (Your Method)	83	3.89	0.40	10.15	2
Diasys 200 Pro - (Your Analyzer)	22	3.73	0.37	9.78	--

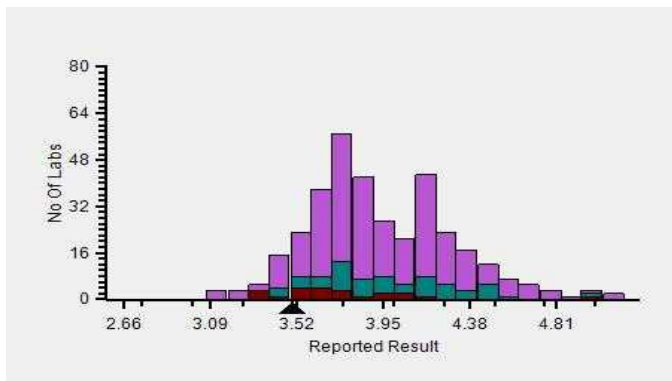
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	3.50	SDI / z-Score	-0.94
Assigned Value	4.04	Average SDI	-0.70
SDPA	0.570	Uncertainty of AV	0.09
Standard Unit Result Val	3.50	%DEV	-6.27

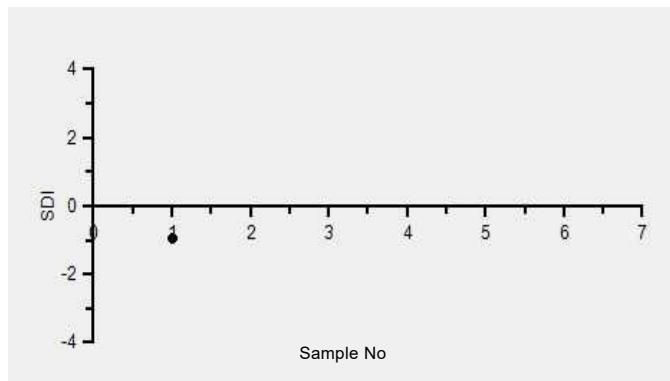
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

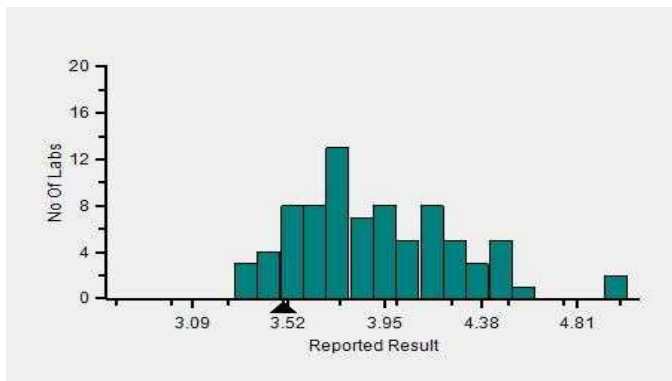
Frequency Histogram



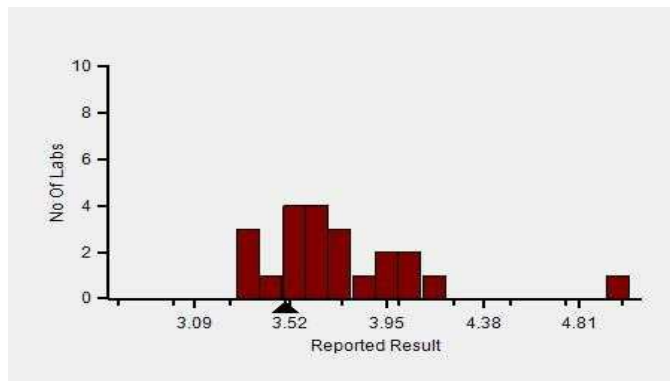
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 01

Report Date : 19/12/2023

Sample Date : 25/11/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	364	3.95	0.43	10.82	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>3.73</b>	<b>0.37</b>	<b>9.78</b>	-
	Erba EM 200	37	4.11	0.38	9.22	1
	Roche cobas c 311	36	3.69	0.16	4.33	-
	Fuji Dri-Chem NX500/i	31	4.22	0.26	6.09	-
	Roche cobas c 111	22	3.73	0.29	7.84	1
	ERBA XL-640	21	4.10	0.53	12.87	2
	Roche cobas 6000	12	3.70	0.11	3.05	-
	Roche cobas INTEGRA	12	3.80	0.14	3.71	-

Remarks: Interpretation of your reports

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

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

- a) Reported on 2 samples:
  - Two out of two pass - Acceptable performance
  - One out of two pass - Review for random error & take action if appropriate
  - Both failed - Unacceptable performance, Review for systematic error
- b) Reported on 3 samples:
  - All pass - Acceptable performance
  - Two out of three pass - Review for random error & take action if appropriate
  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error

*Dr Puneet Kumar Nigam*

**Dr Puneet Kumar Nigam**  
**PT coordinator & Technical Manager, MHL EQAS**  
Unit No. 409-416.  
Commercial Building - 1A  
Kohinoor Mall, Kirool Road, Kurla (W),  
Mumbai - 400070

This is a computer generated report hence signature is not required



PC-1022



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Albumin, g/L**

**Comparative Statistics**

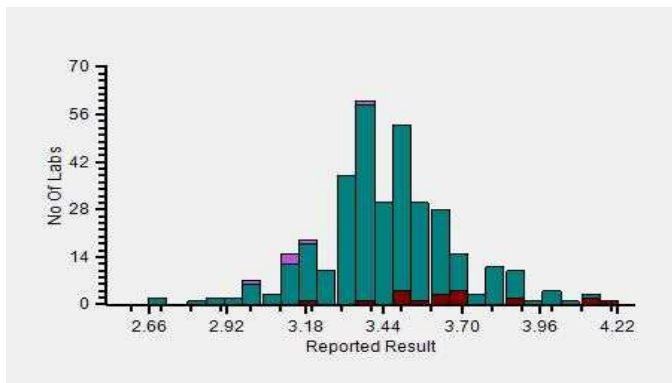
	N	Mean	SD	CV%	Excluded
All Methods	366	3.44	0.26	7.59	13
Bromcresol Green (BCG) - (Your Method)	363	3.44	0.26	7.53	12
Diasys 200 Pro - (Your Analyzer)	22	3.68	0.26	6.98	3

**Evaluation Based On - All Method Evaluation**

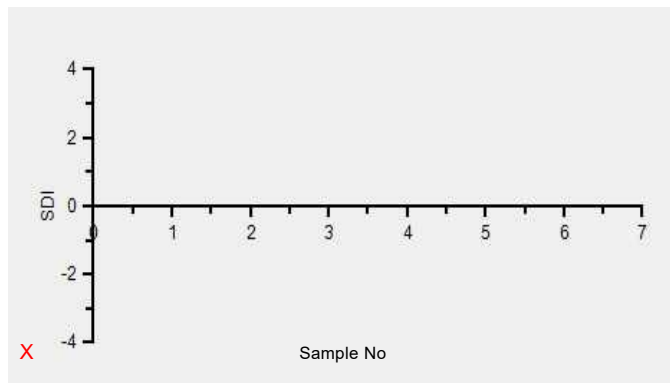
<b>Your Result</b>	3.50	<b>SDI / z-Score</b>	-8.48
<b>Assigned Value</b>	3.40	<b>Average SDI</b>	-8.53
<b>SDPA</b>	0.360	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	0.35	<b>%DEV</b>	-90.49

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

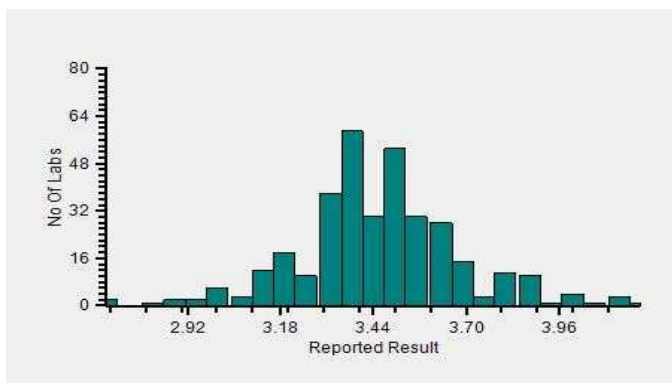
Frequency Histogram



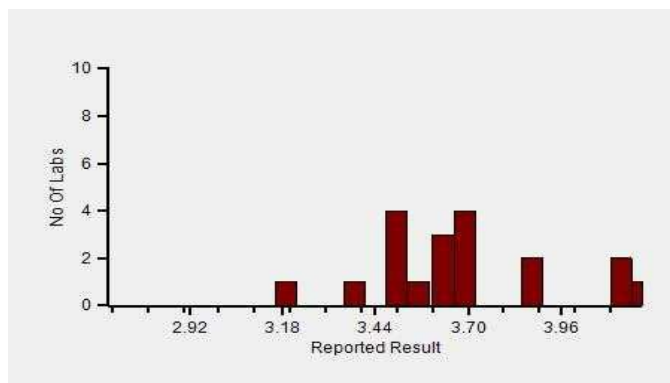
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	366	3.44	0.26	7.59	13
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>3.68</b>	<b>0.26</b>	<b>6.98</b>	<b>3</b>
	Erba EM 200	40	3.48	0.24	6.91	2
	Roche cobas c 311	36	3.41	0.18	5.16	-
	Fuji Dri-Chem NX500/i	33	3.48	0.26	7.40	1
	Roche cobas c 111	23	3.53	0.25	7.06	-
	Roche cobas c 111	23	3.53	0.25	7.06	-
	ERBA XL-640	20	3.37	0.25	7.38	2
	Roche cobas 6000	12	3.33	0.13	3.93	-

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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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, ALP, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	362	45.12	12.63	27.99	6
IFCC - (Your Method)	70	43.68	8.86	20.28	2
Diasys 200 Pro - (Your Analyzer)	22	42.57	9.31	21.88	1

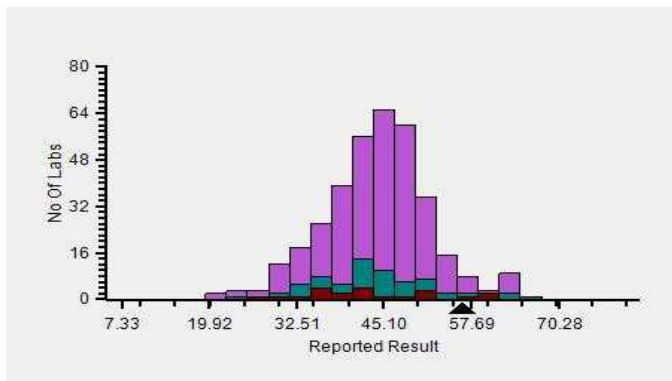
**Evaluation Based On - Method wise Peer Grouping**

Your Result	56.37	SDI / z-Score	1.51
Assigned Value	44.15	Average SDI	0.57
SDPA	8.100	Uncertainty of AV	0.54
Standard Unit Result Val	56.37	%DEV	32.42

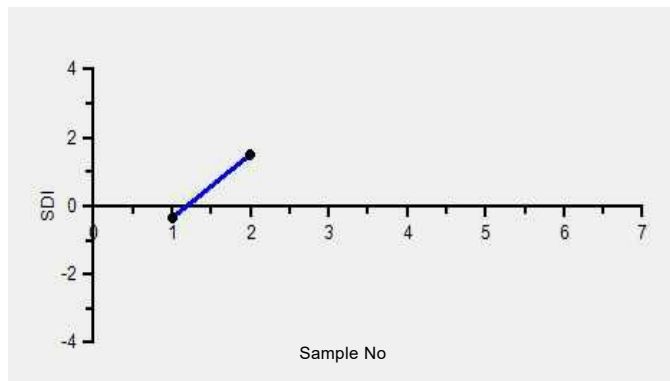
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

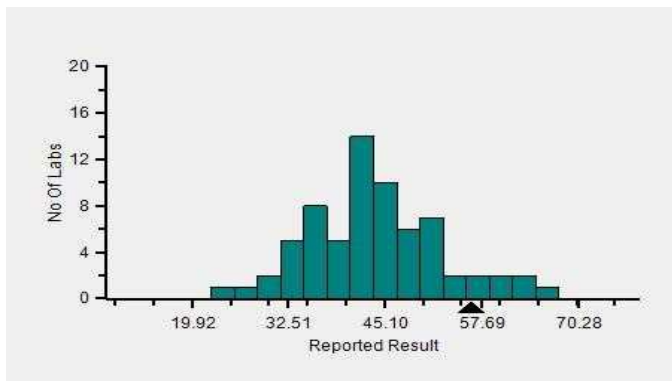
Frequency Histogram



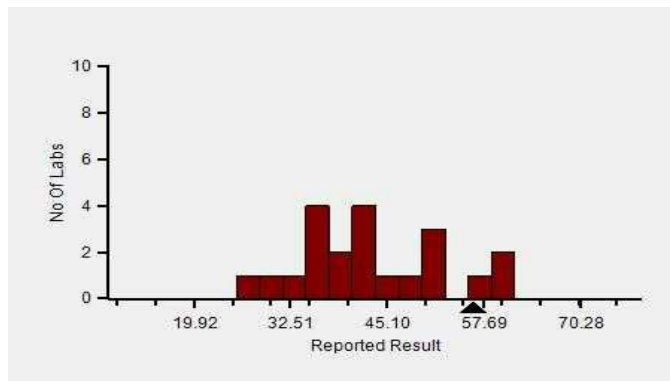
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	362	45.12	12.63	27.99	6
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>42.57</b>	<b>9.31</b>	<b>21.88</b>	<b>1</b>
	Erba EM 200	37	41.19	9.92	24.08	1
	Roche cobas c 311	35	46.01	4.50	9.77	-
	Fuji Dri-Chem NX500/i	31	47.00	5.84	12.42	-
	Roche cobas c 111	24	43.36	4.11	9.48	-
	Roche cobas c 111	24	43.36	4.11	9.48	-
	ERBA XL-640	21	39.82	8.38	21.05	-
	Roche cobas 6000	12	47.51	4.41	9.27	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Bilirubin Direct, mg/dl**

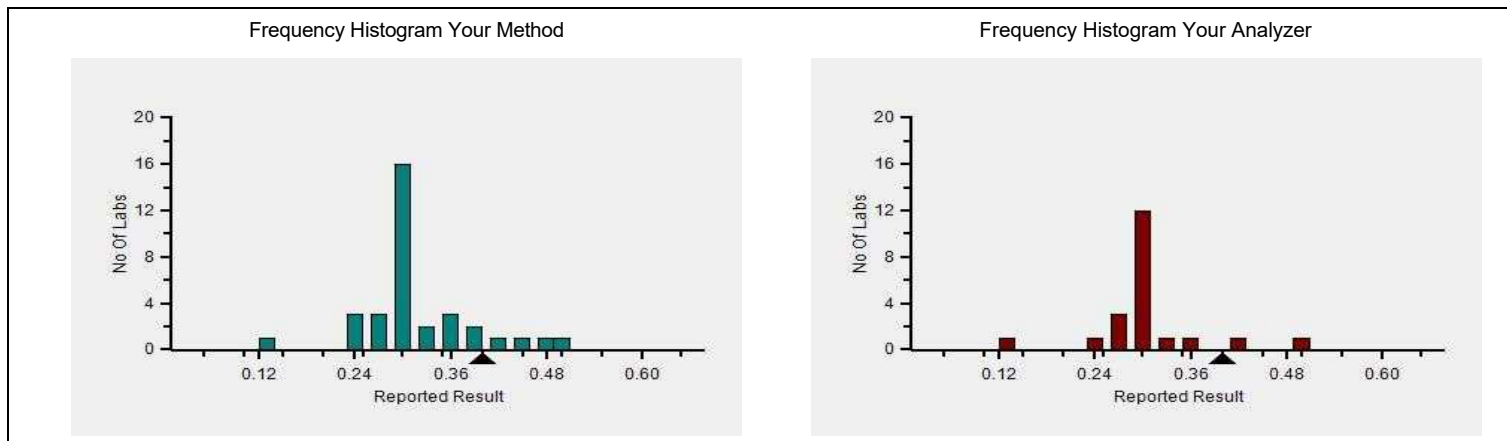
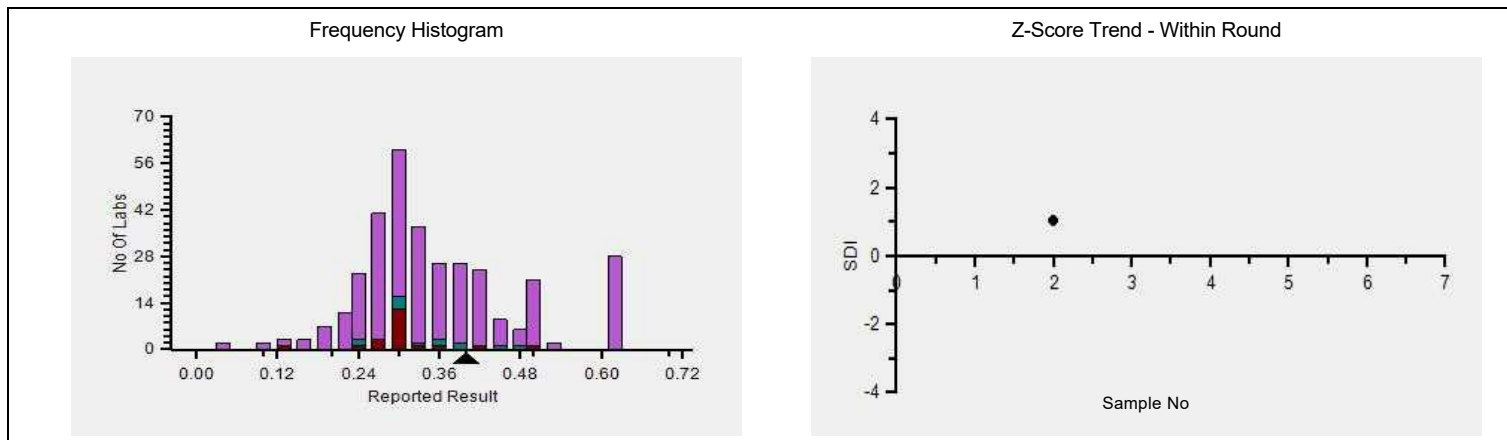
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	363	0.36	0.12	34.37	28
DCA - (Your Method)	36	0.33	0.10	29.27	1
Diasys 200 Pro - (Your Analyzer)	22	0.30	0.07	22.04	1

Evaluation Based On - All Method Evaluation			
Your Result	0.40	SDI / z-Score	1.06
Assigned Value	0.30	Average SDI	1.06
SDPA	0.094	Uncertainty of AV	0.02
Standard Unit Result Val	0.40	%DEV	31.58

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Direct		N	Mean	SD	CV%	Excluded
	All Analyzer	363	0.36	0.12	34.37	28
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>0.30</b>	<b>0.07</b>	<b>22.04</b>	<b>1</b>
	Erba EM 200	36	0.32	0.05	15.79	2
	Roche cobas c 311	35	0.30	0.05	15.72	1
	Fuji Dri-Chem NX500/i	33	0.55	0.10	17.42	-
	Roche cobas c 111	22	0.36	0.06	16.80	1
	Roche cobas c 111	22	0.36	0.06	16.80	1
	ERBA XL-640	21	0.31	0.05	14.84	3
	Roche cobas 6000	12	0.35	0.03	7.43	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Bilirubin Total, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	364	2.93	0.80	27.34	10
DCA - (Your Method)	36	2.50	0.41	16.18	1
Diasys 200 Pro - (Your Analyzer)	22	2.34	0.37	15.79	1

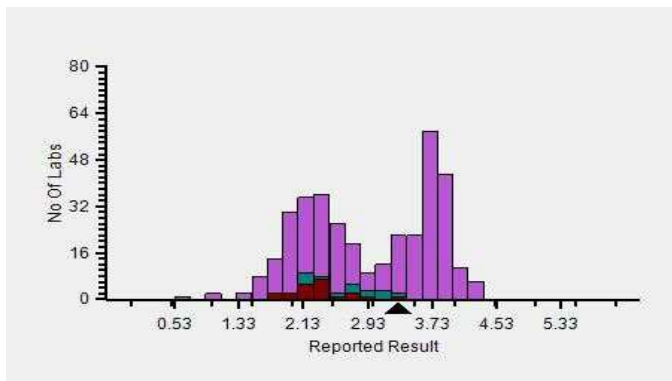
**Evaluation Based On - All Method Evaluation**

Your Result	3.30	SDI / z-Score	1.56
Assigned Value	2.44	Average SDI	1.23
SDPA	0.550	Uncertainty of AV	0.10
Standard Unit Result Val	3.30	%DEV	40.85

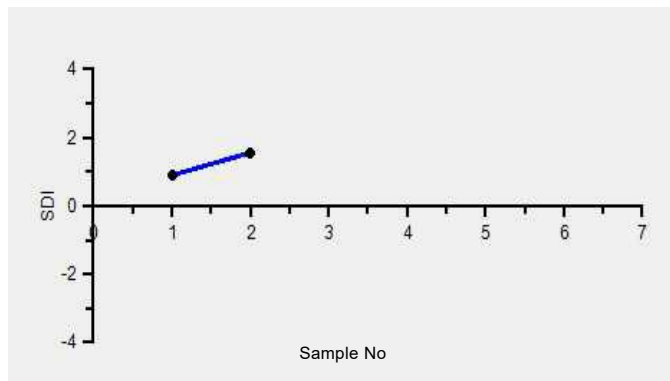
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

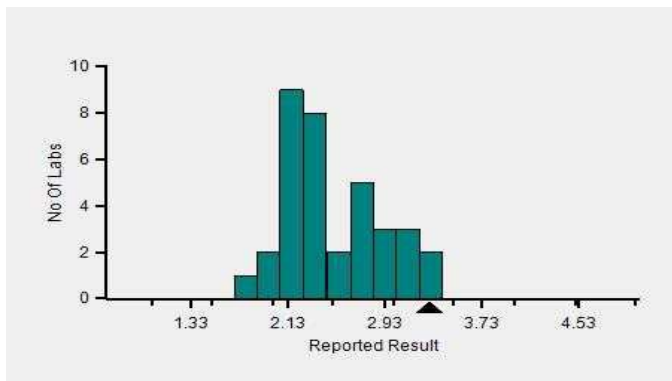
Frequency Histogram



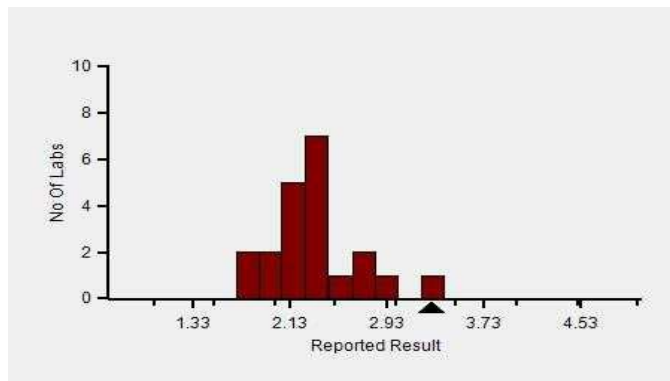
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	364	2.93	0.80	27.34	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>2.34</b>	<b>0.37</b>	<b>15.79</b>	<b>1</b>
	Erba EM 200	39	2.18	0.35	15.84	1
	Roche cobas c 311	36	3.71	0.22	5.88	1
	Fuji Dri-Chem NX500/i	32	3.65	0.26	7.20	-
	Roche cobas c 111	23	3.82	0.23	5.91	-
	Roche cobas c 111	23	3.82	0.23	5.91	-
	ERBA XL-640	21	2.22	0.58	26.01	1
	Roche cobas 6000	12	3.75	0.17	4.58	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Calcium, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	312	7.10	0.64	9.07	7
Arsenazo III - (Your Method)	147	7.32	0.58	7.85	5
Diasys 200 Pro - (Your Analyzer)	21	7.47	0.70	9.39	2

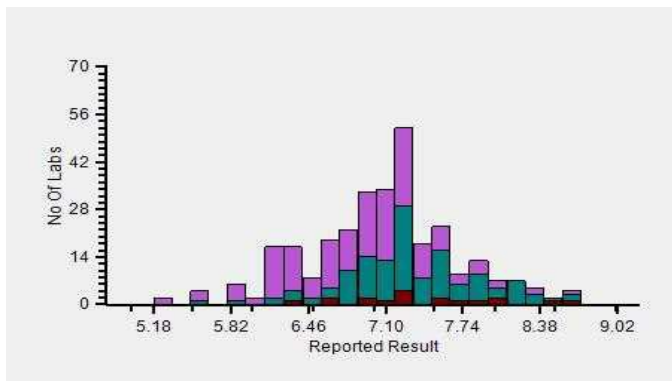
**Evaluation Based On - All Method Evaluation**

Your Result	7.68	SDI / z-Score	39.98
Assigned Value	7.21	Average SDI	13.71
SDPA	0.590	Uncertainty of AV	0.17
Standard Unit Result Val	30.80	%DEV	312.54

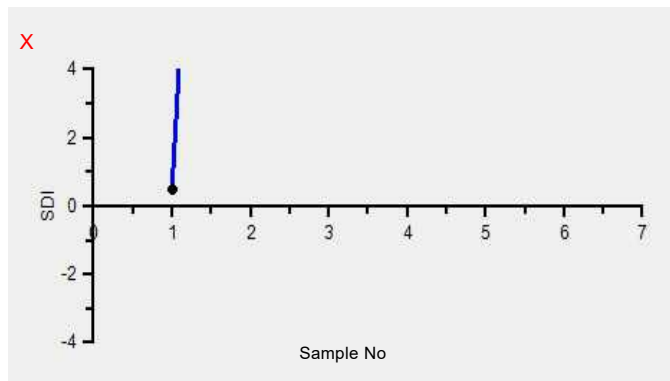
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

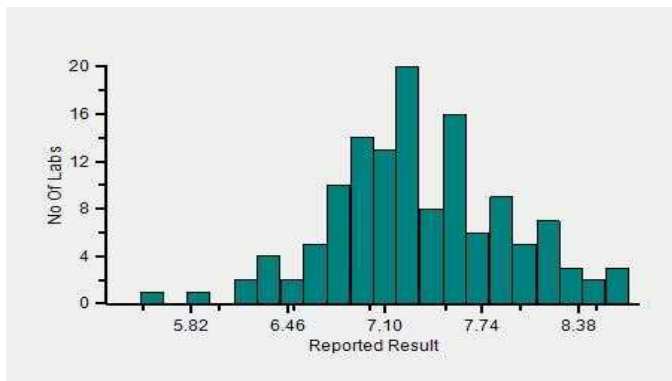
Frequency Histogram



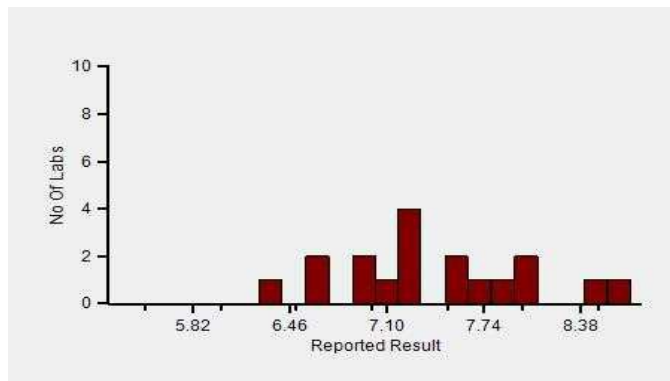
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	312	7.10	0.64	9.07	7
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>21</b>	<b>7.47</b>	<b>0.70</b>	<b>9.39</b>	<b>2</b>
	Roche cobas c 311	36	7.11	0.32	4.45	-
	Erba EM 200	31	7.34	0.54	7.38	1
	Fuji Dri-Chem NX500/i	29	6.22	0.50	8.09	-
	Roche cobas c 111	19	6.86	0.44	6.43	-
	Roche cobas c 111	19	6.86	0.44	6.43	-
	Fuji Dri-Chem NX600	13	6.19	0.31	5.06	-
	Roche cobas 6000	12	7.08	0.19	2.64	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Chloride, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	300	81.79	4.86	5.94	9
ISE direct - (Your Method)	208	82.84	5.06	6.11	6
ACCULYTE-3P - (Your Analyzer)	20	84.96	5.95	7.00	1

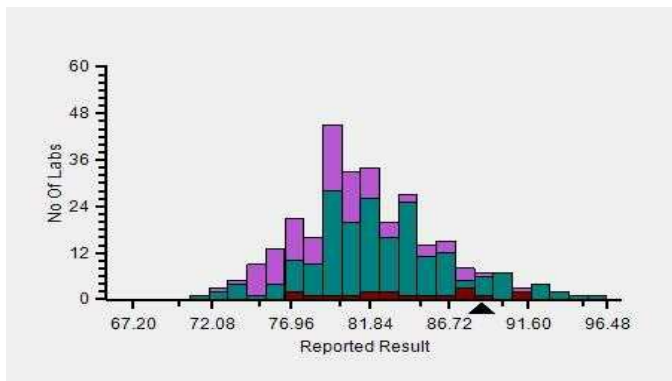
**Evaluation Based On - Method wise Peer Grouping**

Your Result	88.78	SDI / z-Score	0.88
Assigned Value	82.35	Average SDI	0.69
SDPA	7.300	Uncertainty of AV	0.66
Standard Unit Result Val	88.78	%DEV	4.50

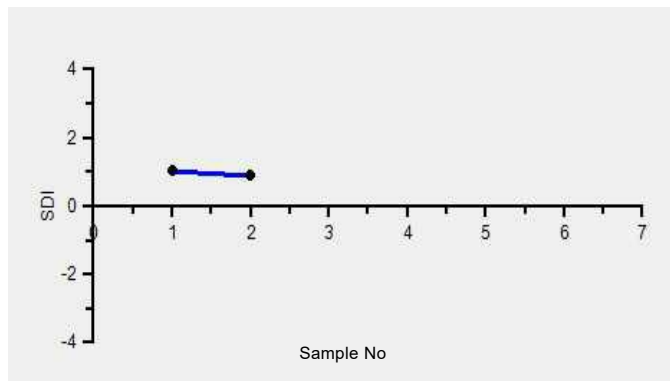
Note : # - Not evaluated / Bimodal distribution

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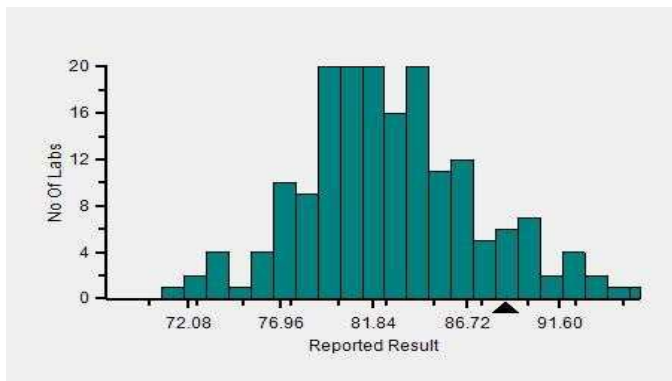
Frequency Histogram



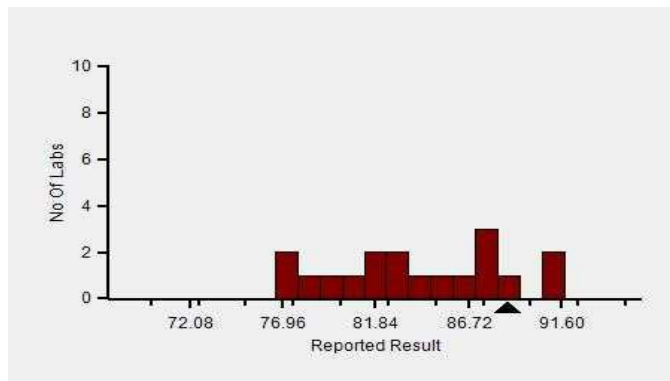
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	300	81.79	4.86	5.94	9
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>84.96</b>	<b>5.95</b>	<b>7.00</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	32	80.67	3.57	4.42	-
	Roche cobas c 311	26	78.64	3.29	4.18	-
	Fuji Dri-Chem NX600	15	81.07	2.63	3.25	-
	Fuji Dri-Chem 4000i	13	81.85	3.13	3.83	-
	Roche AVL 9180	11	82.16	6.33	7.71	-
	EasyLyte	11	82.17	3.32	4.04	-
	Sensa Core ST200 Aqua	11	87.19	5.94	6.81	-

Remarks: Interpretation of your reports

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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Cholesterol, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	362	131.98	10.21	7.74	10
CHOD-PAP - (Your Method)	111	133.97	11.85	8.85	3
Diasys 200 Pro - (Your Analyzer)	22	136.84	8.27	6.04	--

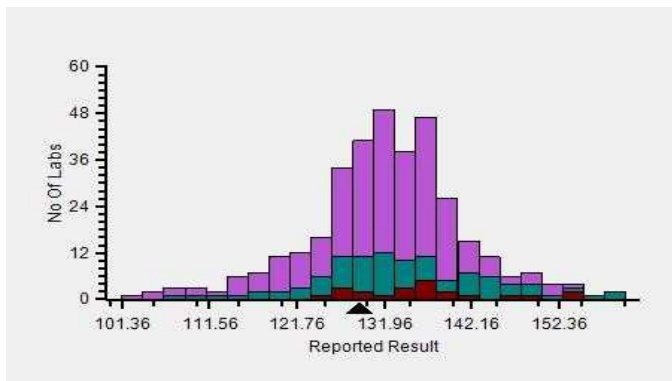
**Evaluation Based On - All Method Evaluation**

Your Result	129.00	SDI / z-Score	-0.38
Assigned Value	134.43	Average SDI	-0.62
SDPA	14.200	Uncertainty of AV	1.93
Standard Unit Result Val	129.00	%DEV	-5.73

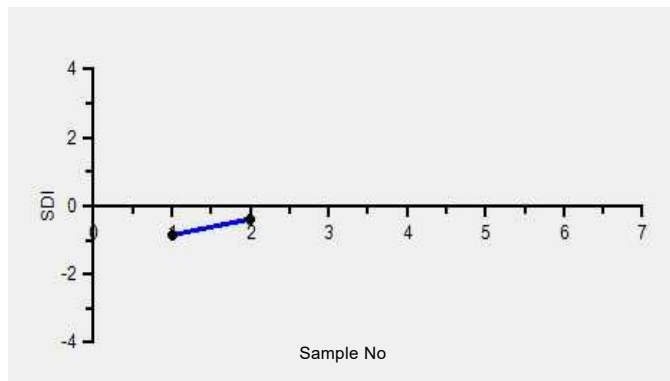
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

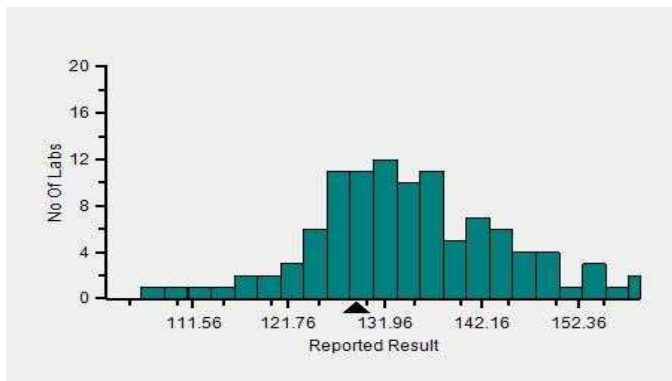
Frequency Histogram



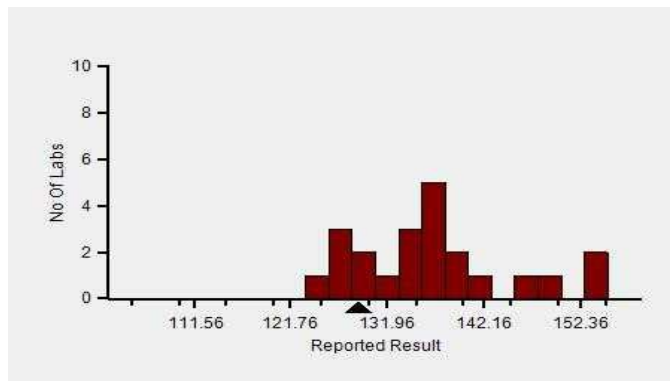
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	362	131.98	10.21	7.74	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>136.84</b>	<b>8.27</b>	<b>6.04</b>	-
	Erba EM 200	37	131.89	8.55	6.49	3
	Roche cobas c 311	36	135.22	6.68	4.94	2
	Fuji Dri-Chem NX500/i	31	128.49	7.83	6.10	1
	Roche cobas c 111	23	131.44	8.23	6.26	-
	Roche cobas c 111	23	131.44	8.23	6.26	-
	ERBA XL-640	21	125.01	15.29	12.23	-
	Roche cobas 6000	12	136.40	2.53	1.86	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Creatinine, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	368	1.50	0.31	20.94	5
Jaffe - Alkaline picrate - (Your Method)	48	1.09	0.55	50.73	1
Diasys 200 Pro - (Your Analyzer)	22	0.58	0.37	63.53	1

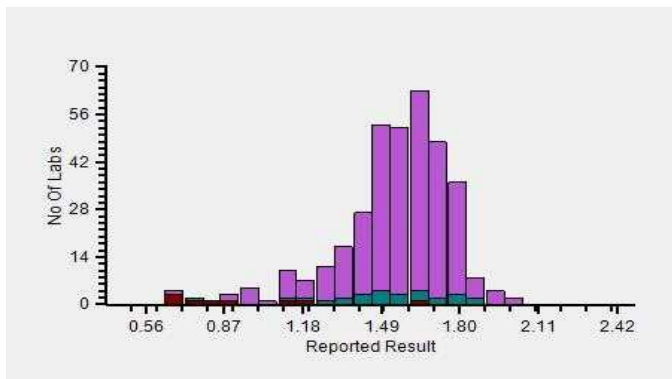
**Evaluation Based On - All Method Evaluation**

Your Result	0.19	SDI / z-Score	-2.91
Assigned Value	1.44	Average SDI	-0.52
SDPA	0.430	Uncertainty of AV	0.06
Standard Unit Result Val	0.19	%DEV	-67.47

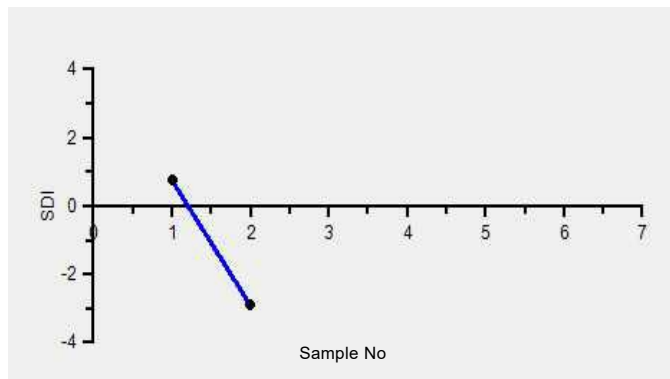
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

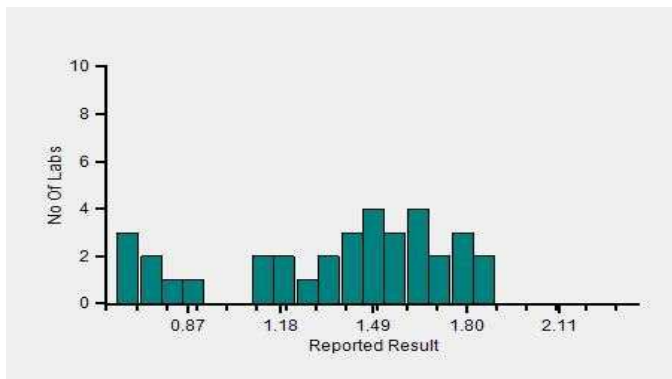
Frequency Histogram



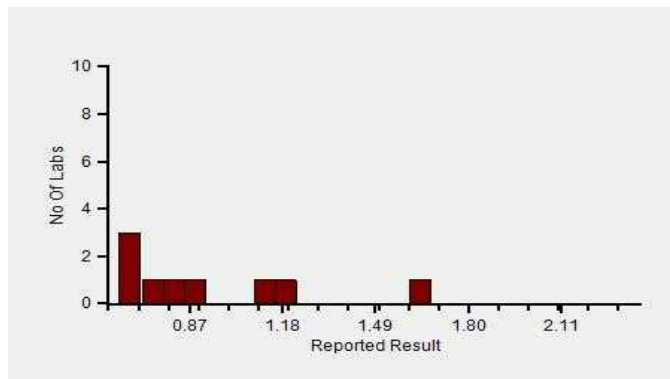
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	368	1.50	0.31	20.94	5
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>0.58</b>	<b>0.37</b>	<b>63.53</b>	<b>1</b>
	Erba EM 200	39	1.51	0.20	13.48	1
	Roche cobas c 311	36	1.73	0.08	4.75	-
	Fuji Dri-Chem NX500/i	30	1.61	0.08	5.23	-
	Roche cobas c 111	24	1.43	0.15	10.19	-
	Roche cobas c 111	24	1.43	0.15	10.19	-
	ERBA XL-640	19	1.61	0.19	11.60	2
	Roche cobas 6000	12	1.66	0.15	8.76	-

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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- 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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Glucose, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	366	74.44	5.86	7.88	11
GOD POD - (Your Method)	79	78.67	6.89	8.75	5
Diasys 200 Pro - (Your Analyzer)	22	78.34	5.22	6.67	2

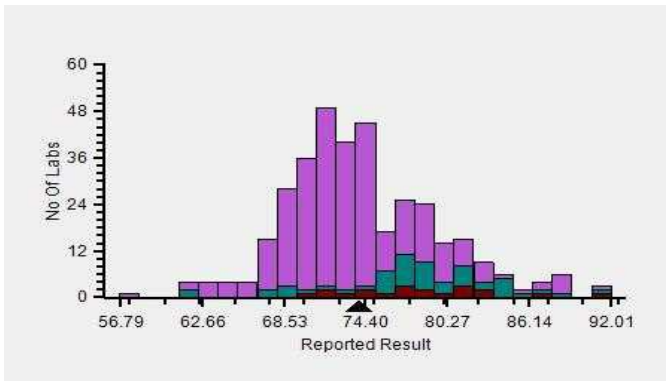
**Evaluation Based On - All Method Evaluation**

Your Result	73.90	SDI / z-Score	-0.16
Assigned Value	74.89	Average SDI	-0.10
SDPA	6.100	Uncertainty of AV	0.97
Standard Unit Result Val	73.90	%DEV	-5.66

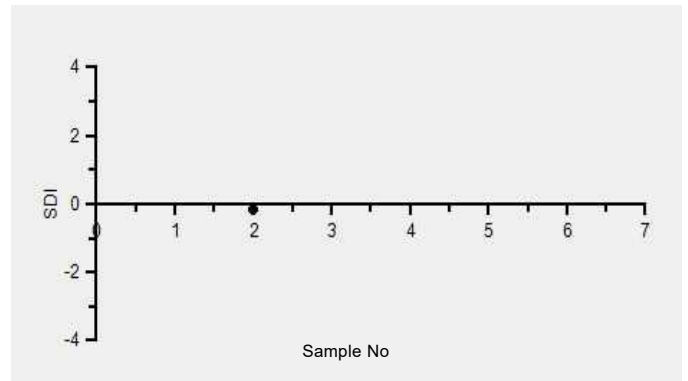
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

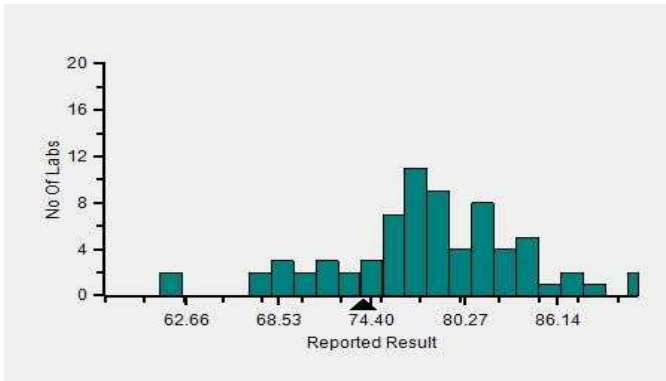
Frequency Histogram



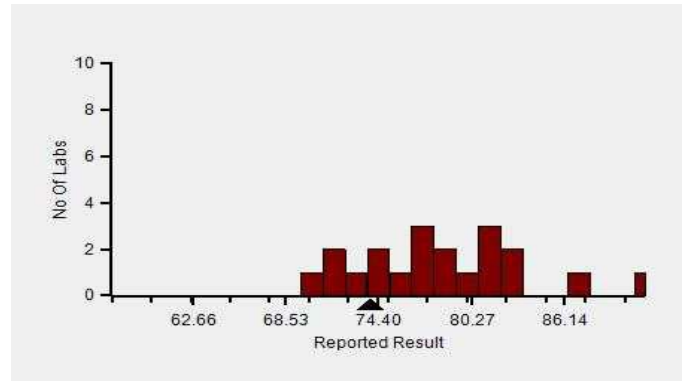
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Glucose		N	Mean	SD	CV%	Excluded
	All Analyzer	366	74.44	5.86	7.88	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>78.34</b>	<b>5.22</b>	<b>6.67</b>	<b>2</b>
	Roche cobas c 311	37	71.19	2.26	3.17	-
	Erba EM 200	35	79.59	5.75	7.22	2
	Fuji Dri-Chem NX500/i	31	72.65	3.59	4.94	-
	Roche cobas c 111	22	71.71	4.00	5.57	-
	Roche cobas c 111	22	71.71	4.00	5.57	-
	ERBA XL-640	21	78.86	8.04	10.19	-
	Roche cobas 6000	13	72.08	2.09	2.90	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, HDL, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	350	17.13	5.26	30.74	15
Direct measure, immunoinhibition - (Your Method)	27	17.24	2.69	15.61	2
Diasys 200 Pro - (Your Analyzer)	22	16.83	2.75	16.31	2

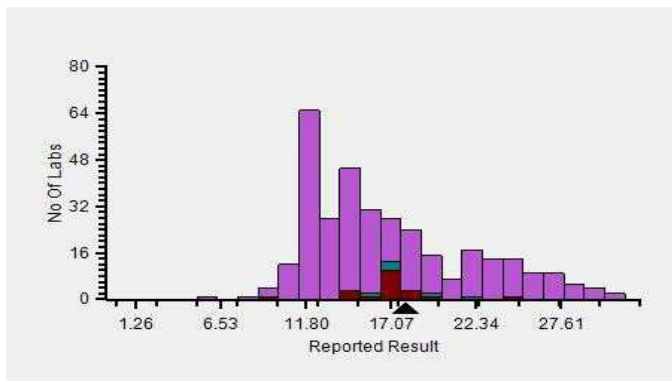
**Evaluation Based On - All Method Evaluation**

Your Result	18.00	SDI / z-Score	0.08
Assigned Value	17.66	Average SDI	-0.06
SDPA	4.300	Uncertainty of AV	0.51
Standard Unit Result Val	18.00	%DEV	6.93

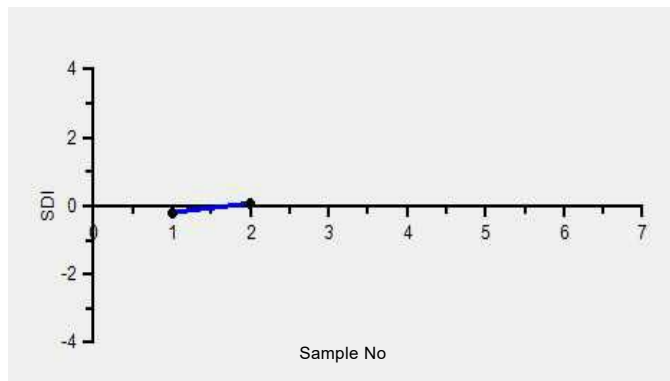
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

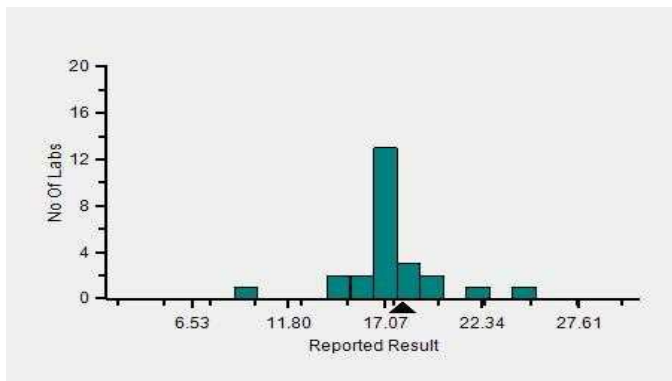
Frequency Histogram



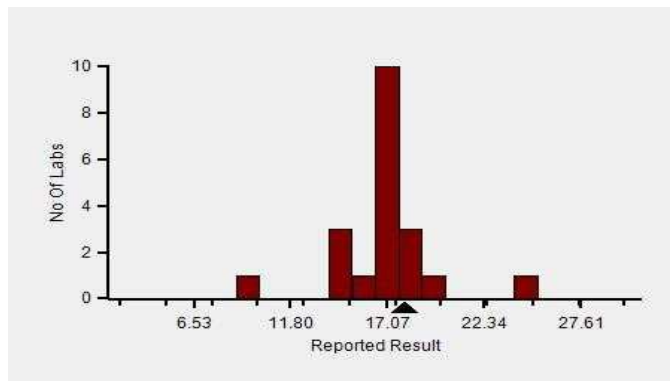
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	350	17.13	5.26	30.74	15
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>16.83</b>	<b>2.75</b>	<b>16.31</b>	<b>2</b>
	Erba EM 200	36	22.21	4.92	22.17	1
	Roche cobas c 311	36	12.20	0.88	7.25	-
	Fuji Dri-Chem NX500/i	31	15.25	0.89	5.82	1
	Roche cobas c 111	23	12.50	1.09	8.73	-
	Roche cobas c 111	23	12.50	1.09	8.73	-
	ERBA XL-640	21	23.33	6.68	28.61	-
	Roche cobas 6000	12	12.31	0.59	4.77	-

Remarks: Interpretation of your reports

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

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

a) Reported on 2 samples:

- Two out of two pass - Acceptable performance
- One out of two pass - Review for random error & take action if appropriate
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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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, LDL, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	186	82.49	10.10	12.25	7
Direct measure - (Your Method)	87	79.44	8.27	10.41	6
Diasys 200 Pro - (Your Analyzer)	21	73.57	7.06	9.60	1

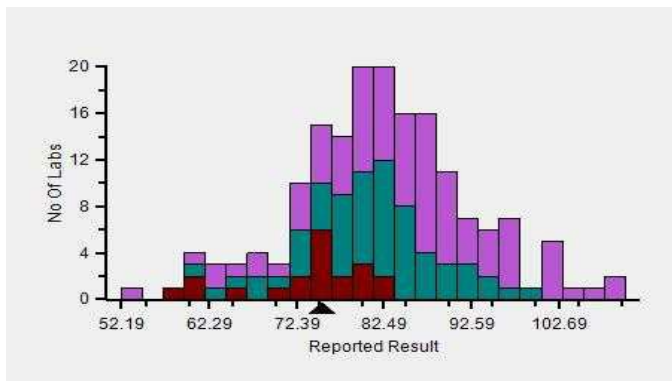
**Evaluation Based On - All Method Evaluation**

Your Result	75.42	SDI / z-Score	-0.73
Assigned Value	82.75	Average SDI	-0.41
SDPA	9.994	Uncertainty of AV	1.54
Standard Unit Result Val	75.42	%DEV	2.52

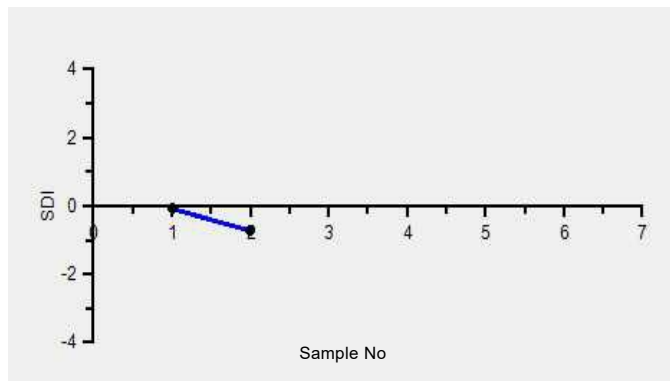
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

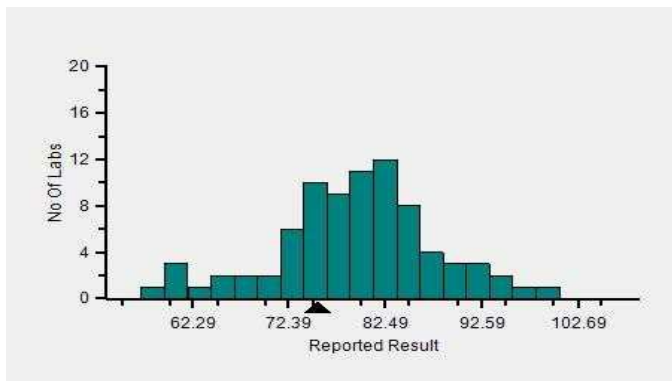
Frequency Histogram



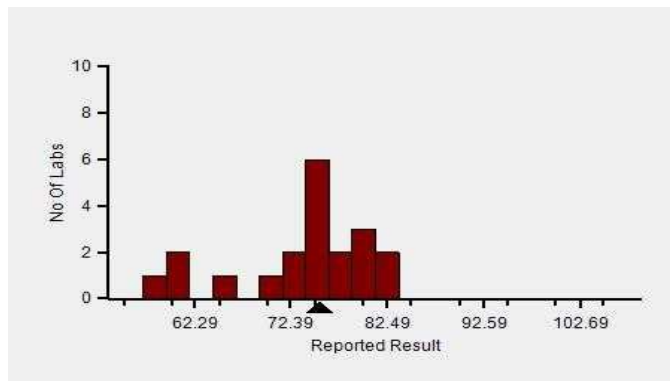
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	186	82.49	10.10	12.25	7
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>21</b>	<b>73.57</b>	<b>7.06</b>	<b>9.60</b>	<b>1</b>
	Roche cobas c 311	28	85.83	8.85	10.31	-
	Erba EM 200	17	81.85	15.22	18.60	2
	Roche cobas 6000	12	81.53	3.10	3.81	-
	Beckman Coulter DxC 700 AU	9	88.71	7.00	7.89	-
	ERBA XL-640	8	75.71	4.41	5.83	1
	Roche cobas c 111	7	77.89	9.69	12.45	-
	Roche cobas INTEGRA	7	85.97	4.78	5.56	-

Remarks: Interpretation of your reports

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

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

- Reported on 2 samples:
  - Two out of two pass - Acceptable performance
  - One out of two pass - Review for random error & take action if appropriate
  - Both failed - Unacceptable performance, Review for systematic error
- Reported on 3 samples:
  - All pass - Acceptable performance
  - Two out of three pass - Review for random error & take action if appropriate
  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	317	3.61	0.20	5.57	6
ISE direct - (Your Method)	226	3.59	0.21	5.83	4
ACCULYTE-3P - (Your Analyzer)	19	3.56	0.21	5.85	1

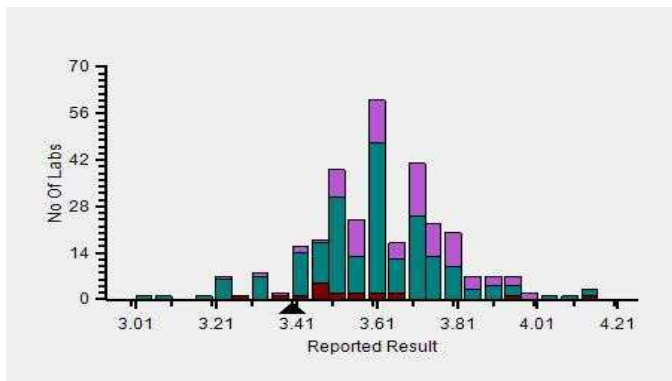
**Evaluation Based On - Method wise Peer Grouping**

Your Result	3.40	SDI / z-Score	-0.63
Assigned Value	3.59	Average SDI	-0.42
SDPA	0.295	Uncertainty of AV	0.03
Standard Unit Result Val	3.40	%DEV	-4.41

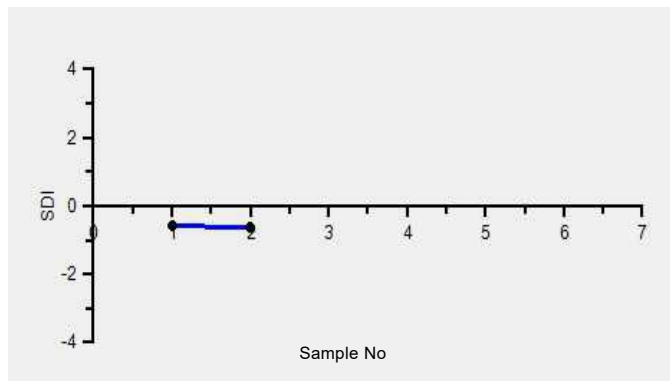
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

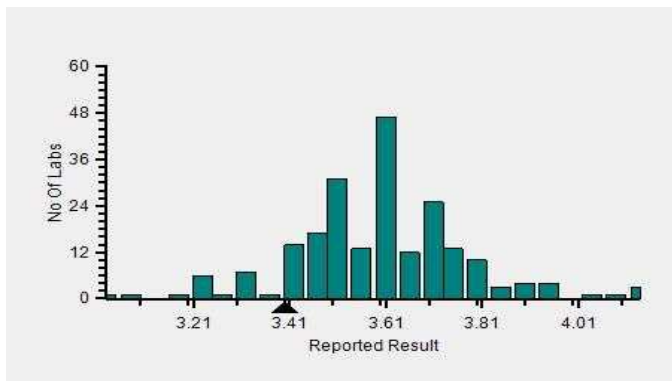
Frequency Histogram



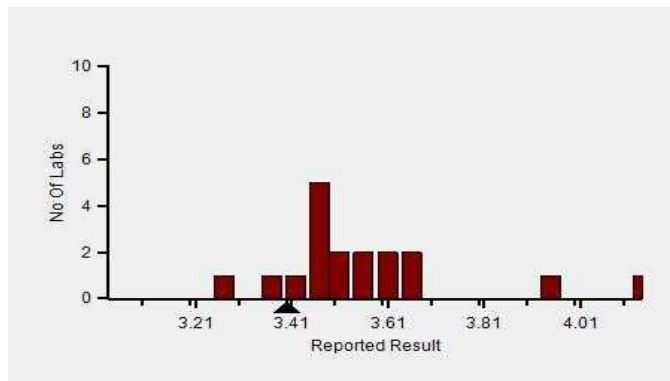
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	317	3.61	0.20	5.57	6
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>3.56</b>	<b>0.21</b>	<b>5.85</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	36	3.53	0.12	3.43	-
	Roche cobas c 311	25	3.74	0.12	3.26	-
	Roche AVL 9180	15	3.67	0.25	6.93	-
	EasyLyte	15	3.64	0.16	4.29	-
	Fuji Dri-Chem 4000i	14	3.58	0.10	2.71	-
	Fuji Dri-Chem NX600	14	3.55	0.13	3.63	-
	Sensa Core ST 200 plus	11	3.57	0.11	3.06	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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	317	110.28	5.13	4.65	10
ISE direct - (Your Method)	224	110.46	5.59	5.06	7
ACCULYTE-3P - (Your Analyzer)	20	109.02	6.16	5.65	2

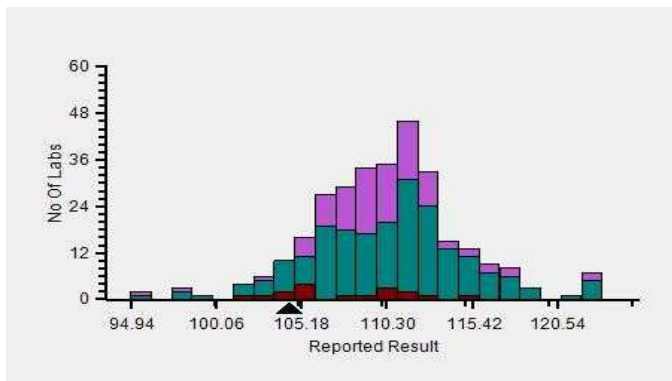
**Evaluation Based On - Method wise Peer Grouping**

<b>Your Result</b>	104.43	<b>SDI / z-Score</b>	-0.85
<b>Assigned Value</b>	110.44	<b>Average SDI</b>	-0.56
<b>SDPA</b>	7.100	<b>Uncertainty of AV</b>	0.62
<b>Standard Unit Result Val</b>	104.43	<b>%DEV</b>	-4.21

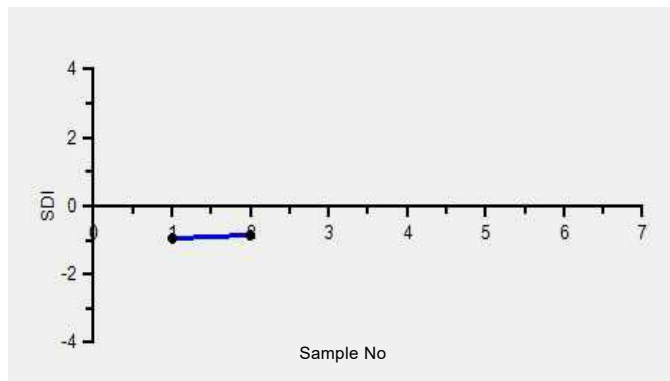
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

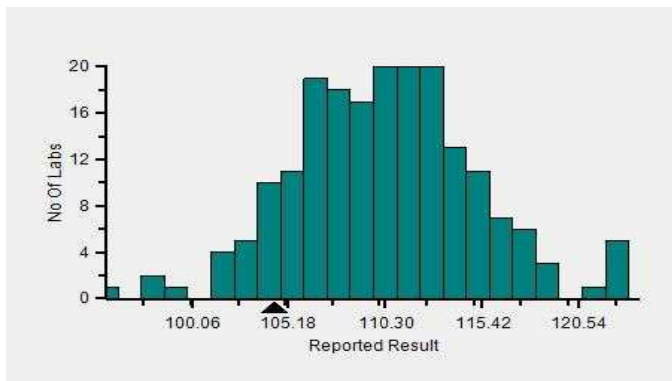
Frequency Histogram



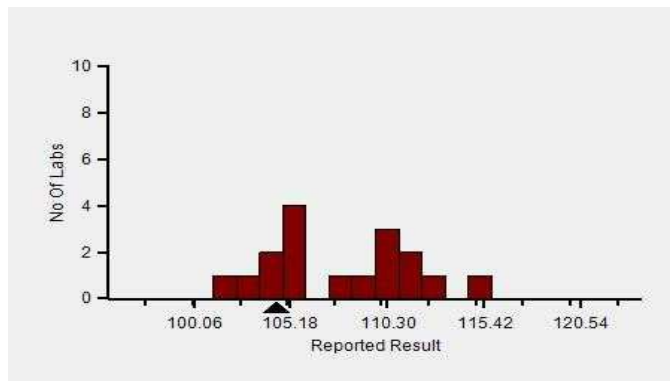
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	317	110.28	5.13	4.65	10
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>109.02</b>	<b>6.16</b>	<b>5.65</b>	<b>2</b>
	Fuji Dri-Chem NX500/i	37	110.19	3.35	3.04	-
	Roche cobas c 311	26	109.93	3.32	3.02	-
	Roche AVL 9180	15	109.45	6.54	5.98	-
	EasyLyte	15	110.56	3.70	3.35	-
	Fuji Dri-Chem NX600	14	110.43	2.79	2.53	-
	Fuji Dri-Chem 4000i	13	112.15	2.70	2.41	-
	Sensa Core ST 200 plus	11	113.19	6.62	5.85	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Total Protein, g/dL**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	366	5.71	0.39	6.84	11
Biuret - (Your Method)	356	5.72	0.40	6.98	10
Diasys 200 Pro - (Your Analyzer)	22	5.81	0.42	7.18	1

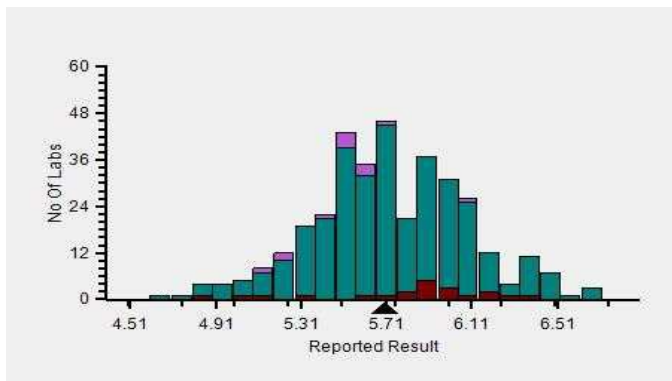
**Evaluation Based On - All Method Evaluation**

Your Result	5.70	SDI / z-Score	-0.04
Assigned Value	5.72	Average SDI	-0.46
SDPA	0.464	Uncertainty of AV	0.06
Standard Unit Result Val	5.70	%DEV	-1.83

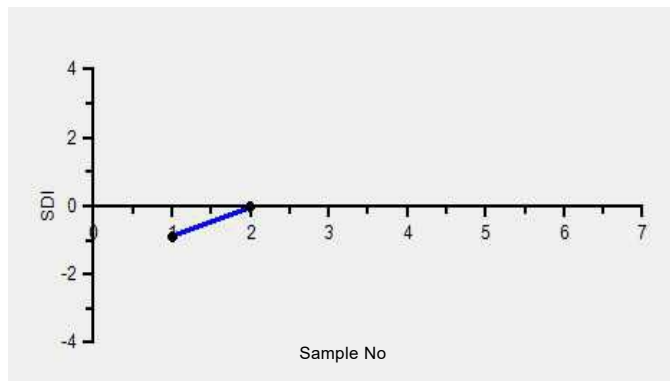
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

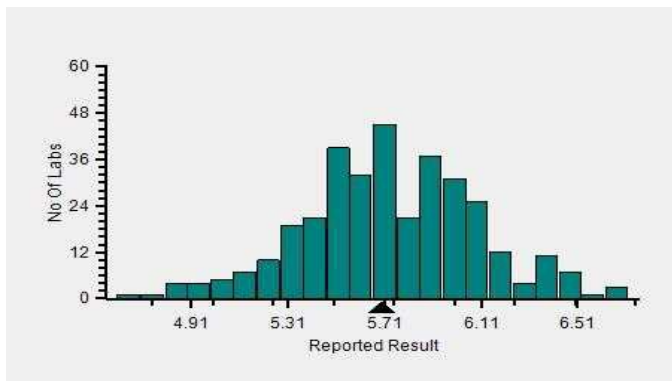
Frequency Histogram



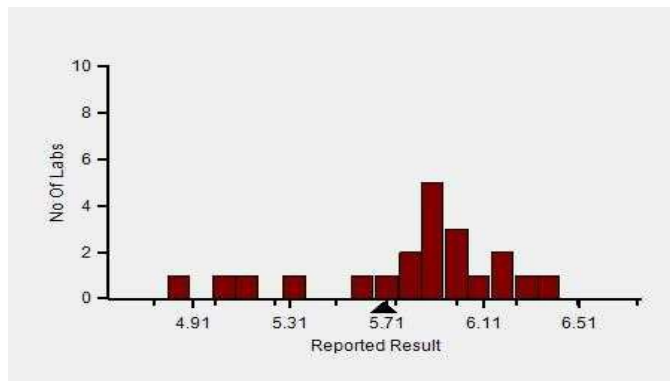
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	366	5.71	0.39	6.84	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>5.81</b>	<b>0.42</b>	<b>7.18</b>	<b>1</b>
	Erba EM 200	40	5.56	0.46	8.27	3
	Roche cobas c 311	36	5.59	0.24	4.36	-
	Fuji Dri-Chem NX500/i	32	5.88	0.31	5.29	-
	Roche cobas c 111	24	5.69	0.40	7.01	2
	Roche cobas c 111	24	5.69	0.40	7.01	2
	ERBA XL-640	21	5.82	0.37	6.34	1
	Roche cobas INTEGRA	12	5.39	0.49	9.09	-

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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- 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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Triglycerides, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	361	115.31	10.57	9.17	10
Colorimetric enzymatic - GPO - (Your Method)	33	110.86	7.82	7.06	--
Diasys 200 Pro - (Your Analyzer)	22	112.68	6.06	5.38	--

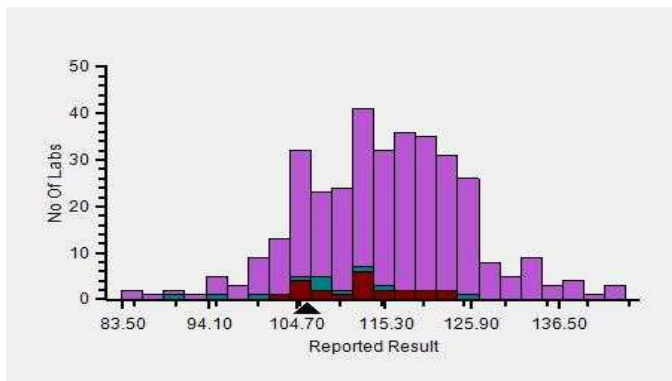
**Evaluation Based On - All Method Evaluation**

Your Result	106.00	SDI / z-Score	-1.03
Assigned Value	112.88	Average SDI	-1.29
SDPA	6.657	Uncertainty of AV	1.06
Standard Unit Result Val	106.00	%DEV	-5.93

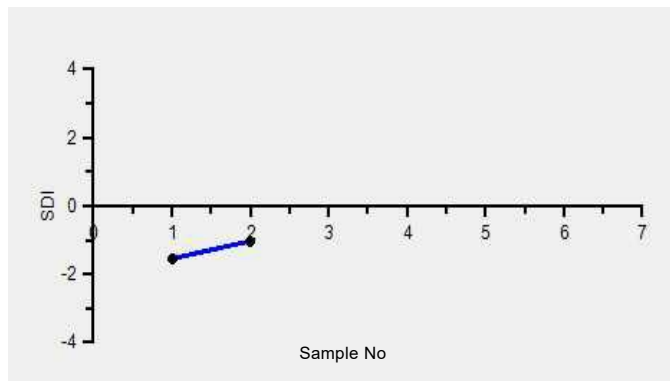
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

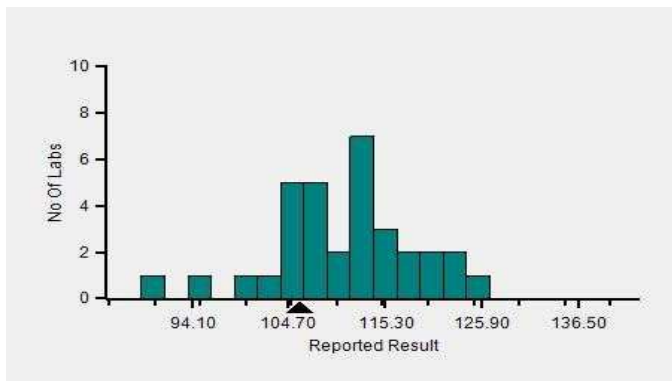
Frequency Histogram



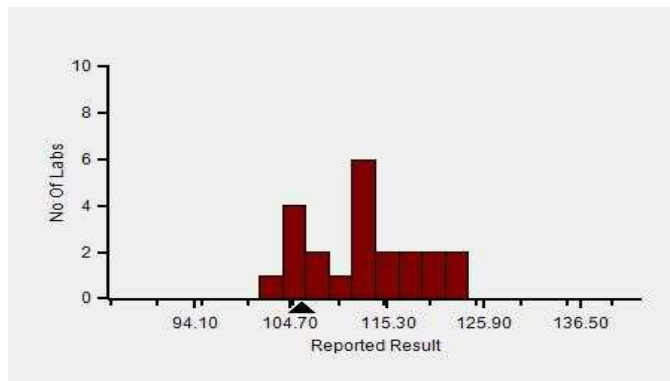
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	361	115.31	10.57	9.17	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>112.68</b>	<b>6.06</b>	<b>5.38</b>	-
	Erba EM 200	37	107.43	9.28	8.64	2
	Roche cobas c 311	36	122.82	5.93	4.83	-
	Fuji Dri-Chem NX500/i	31	118.23	6.32	5.35	-
	Roche cobas c 111	24	120.46	6.58	5.46	-
	Roche cobas c 111	24	120.46	6.58	5.46	-
	ERBA XL-640	21	110.14	15.77	14.31	-
	Roche cobas 6000	12	123.78	3.88	3.13	-

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
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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Urea, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	364	19.46	2.20	11.31	14
Urease, UV - (Your Method)	86	19.76	2.44	12.35	4
Diasys 200 Pro - (Your Analyzer)	22	20.41	3.13	15.31	1

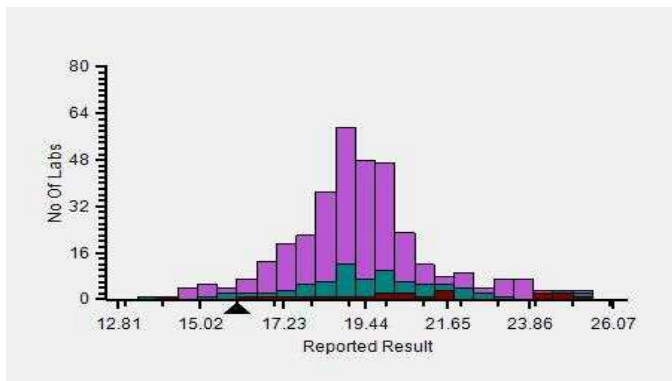
**Evaluation Based On - All Method Evaluation**

Your Result	16.00	SDI / z-Score	-1.36
Assigned Value	20.09	Average SDI	-1.36
SDPA	3.007	Uncertainty of AV	0.48
Standard Unit Result Val	16.00	%DEV	-21.62

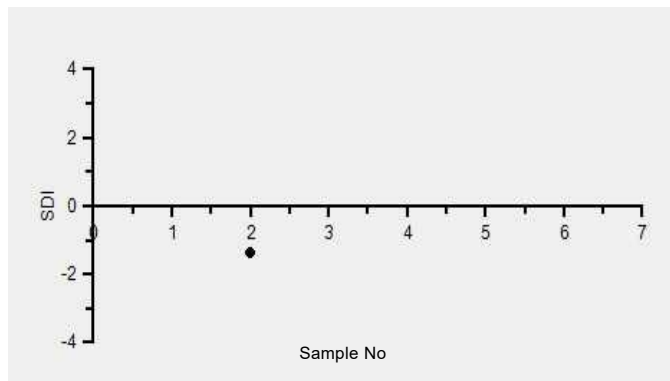
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

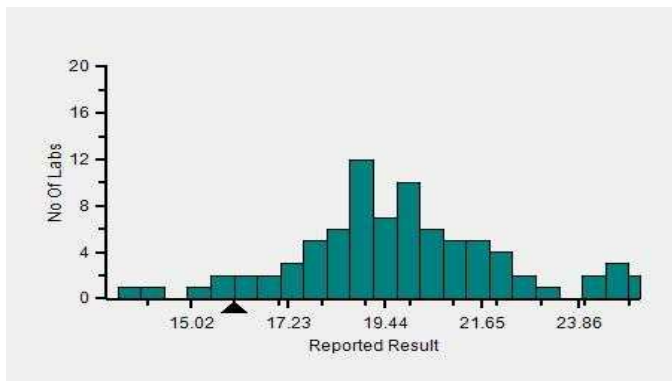
Frequency Histogram



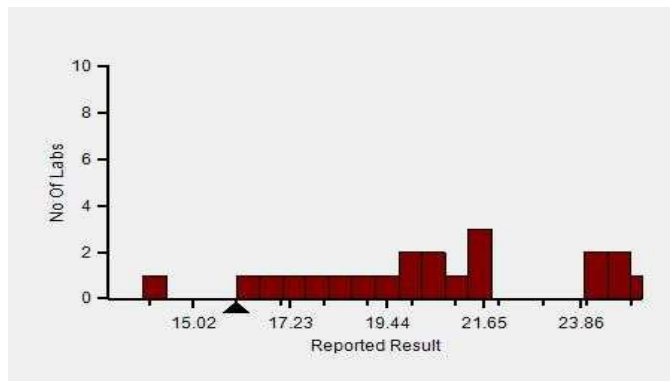
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	364	19.46	2.20	11.31	14
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>20.41</b>	<b>3.13</b>	<b>15.31</b>	<b>1</b>
	Erba EM 200	40	19.04	2.85	14.99	-
	Roche cobas c 311	36	19.55	0.74	3.76	1
	Fuji Dri-Chem NX500/i	31	19.41	0.95	4.89	1
	Roche cobas c 111	24	18.31	1.12	6.11	-
	Roche cobas c 111	24	18.31	1.12	6.11	-
	ERBA XL-640	21	19.12	2.01	10.52	2
	Roche cobas 6000	12	19.24	0.68	3.53	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Uric Acid, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	361	4.05	0.51	12.59	4
Uricase - (Your Method)	83	3.96	0.41	10.43	1
Diasys 200 Pro - (Your Analyzer)	22	3.78	0.38	9.94	--

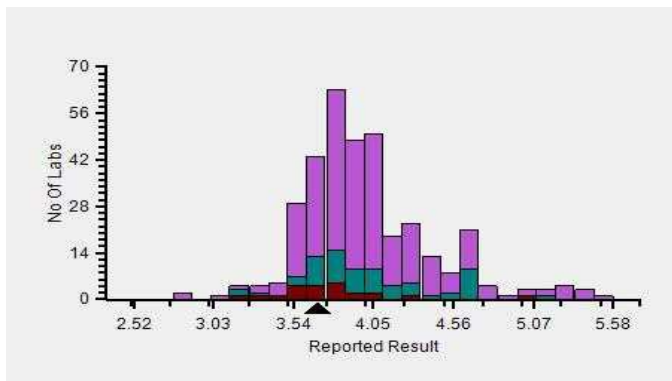
**Evaluation Based On - All Method Evaluation**

Your Result	3.69	SDI / z-Score	-0.66
Assigned Value	4.15	Average SDI	-0.70
SDPA	0.705	Uncertainty of AV	0.11
Standard Unit Result Val	3.69	%DEV	-2.46

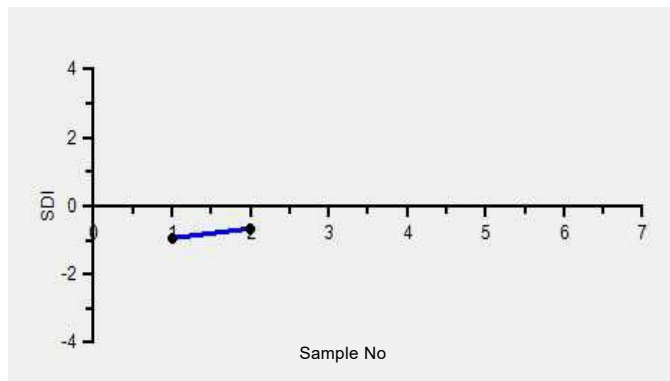
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

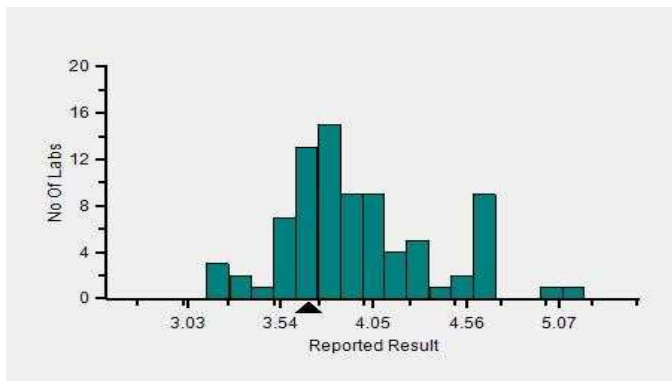
Frequency Histogram



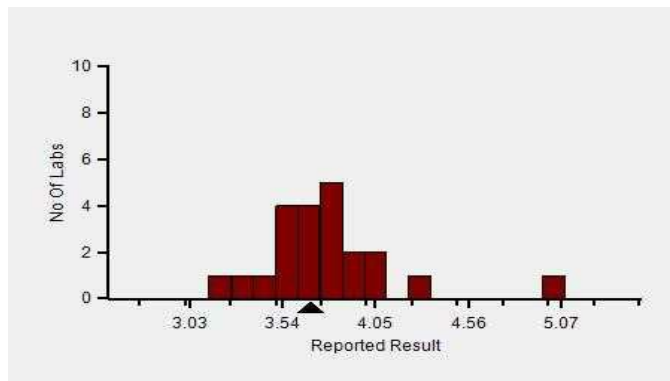
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 02

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	361	4.05	0.51	12.59	4
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>3.78</b>	<b>0.38</b>	<b>9.94</b>	-
	Erba EM 200	37	4.24	0.45	10.62	-
	Roche cobas c 311	35	3.78	0.12	3.25	-
	Fuji Dri-Chem NX500/i	31	4.10	0.26	6.32	-
	Roche cobas c 111	23	3.81	0.27	7.18	-
	Roche cobas c 111	23	3.81	0.27	7.18	-
	ERBA XL-640	21	4.29	0.80	18.56	-
	Roche cobas 6000	12	3.77	0.09	2.44	-

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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  - 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, Kirool Road, Kurla (W),  
Mumbai - 400070

This is a computer generated report hence signature is not required



PC-1022

Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Albumin, g/L**

**Comparative Statistics**

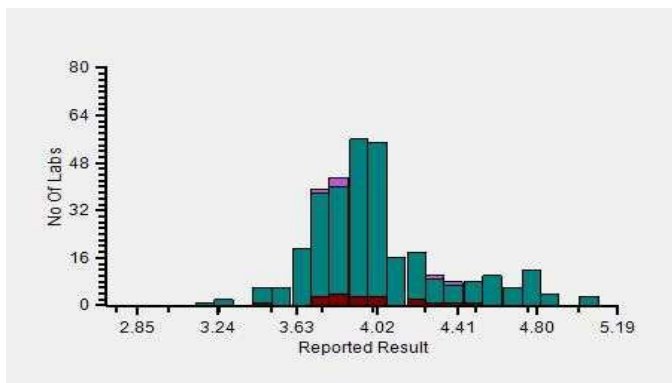
	N	Mean	SD	CV%	Excluded
All Methods	334	4.02	0.39	9.75	8
Bromcresol Green (BCG) - (Your Method)	330	4.03	0.38	9.30	7
Diasys 200 Pro - (Your Analyzer)	22	3.92	0.23	5.92	3

<b>Your Result</b>	3.80	<b>SDI / z-Score</b>	-9.36
<b>Assigned Value</b>	3.85	<b>Average SDI</b>	-8.53
<b>SDPA</b>	0.370	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	0.38	<b>%DEV</b>	-90.30

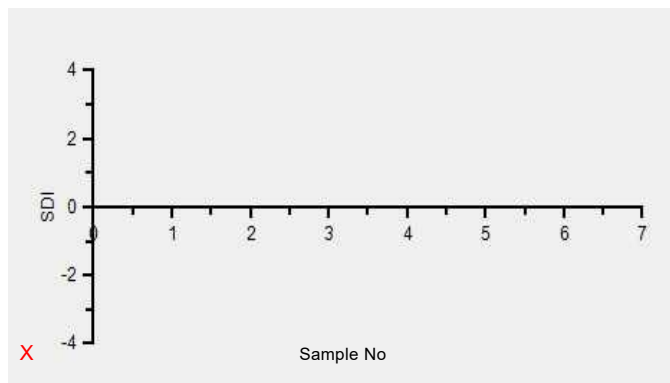
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

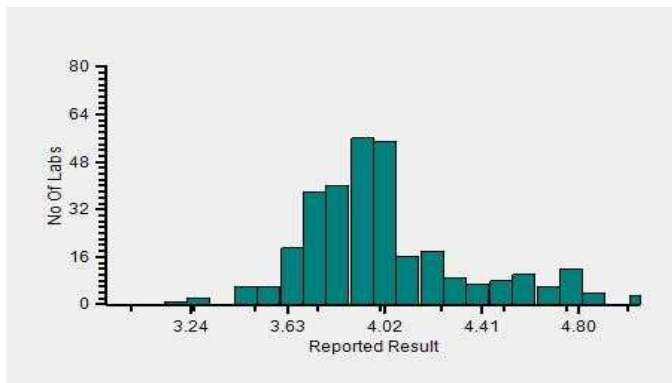
Frequency Histogram



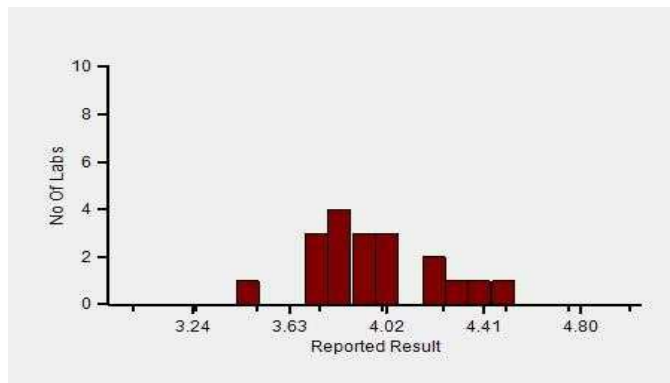
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	334	4.02	0.39	9.75	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>3.92</b>	<b>0.23</b>	<b>5.92</b>	<b>3</b>
	Erba EM 200	35	3.89	0.21	5.27	-
	Roche cobas c 311	33	3.98	0.12	3.11	-
	Roche cobas c 311	32	3.97	0.11	2.87	-
	Roche cobas c 311	32	3.97	0.11	2.87	-
	Fuji Dri-Chem NX500/i	31	4.76	0.27	5.74	-
	ERBA XL-640	19	3.76	0.19	4.92	1
	Roche cobas c 111	16	4.02	0.12	3.01	-

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

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- All failed - Unacceptable performance, Review for systematic error



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, ALT, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	323	5.88	4.97	84.54	29
IFCC - (Your Method)	74	3.18	2.25	70.77	12
Diasys 200 Pro - (Your Analyzer)	22	2.49	0.63	25.39	2

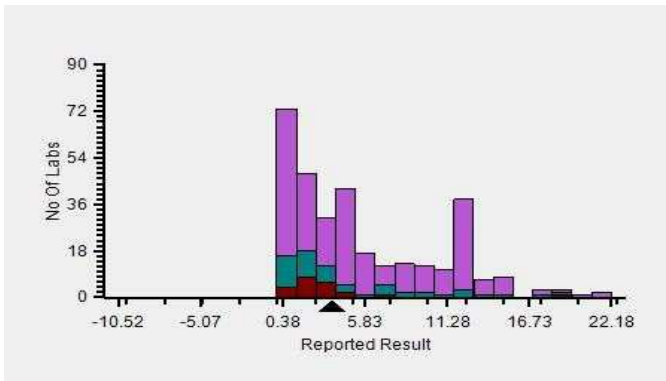
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	3.60	SDI / z-Score	
Assigned Value	#	Average SDI	1.02
SDPA	#	Uncertainty of AV	
Standard Unit Result Val	3.60 #	%DEV	44.40

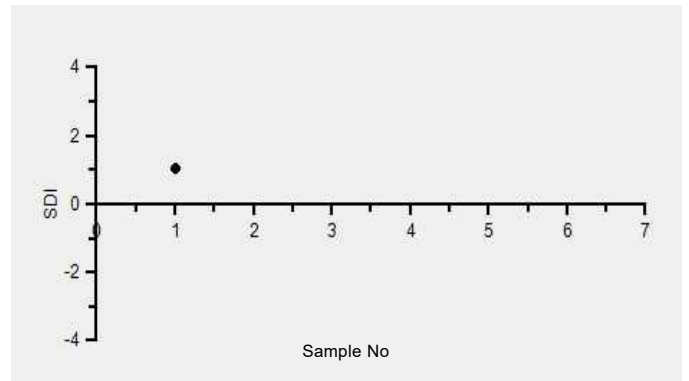
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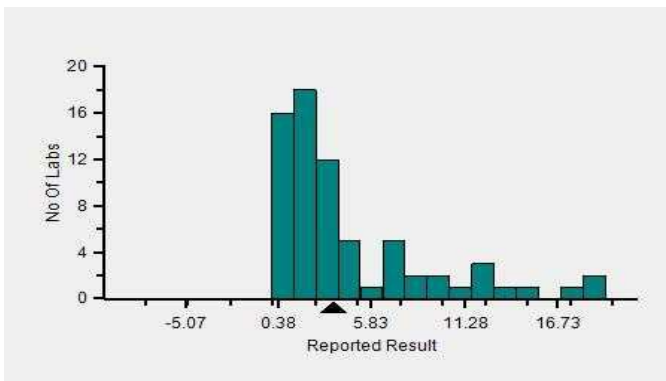
Frequency Histogram



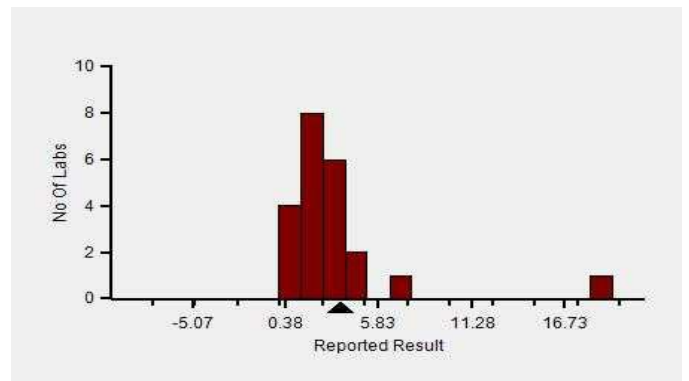
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	323	6.16	4.96	80.56	29
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>2.49</b>	<b>0.63</b>	<b>25.39</b>	<b>2</b>
	Erba EM 200	35	2.35	0.74	31.53	-
	Roche cobas c 311	32	3.86	3.18	82.46	3
	Roche cobas c 311	31	1.46	0.46	31.68	3
	Roche cobas c 311	31	1.46	0.46	31.68	3
	Fuji Dri-Chem NX500/i	30	12.85	1.19	9.26	1
	ERBA XL-640	18	2.56	0.72	27.98	1
	Roche cobas c 111	16	1.35	0.44	32.82	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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Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, AST, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	333	15.06	4.94	32.78	4
IFCC - (Your Method)	74	14.85	3.72	25.04	3
Diasys 200 Pro - (Your Analyzer)	22	14.51	2.86	19.68	1

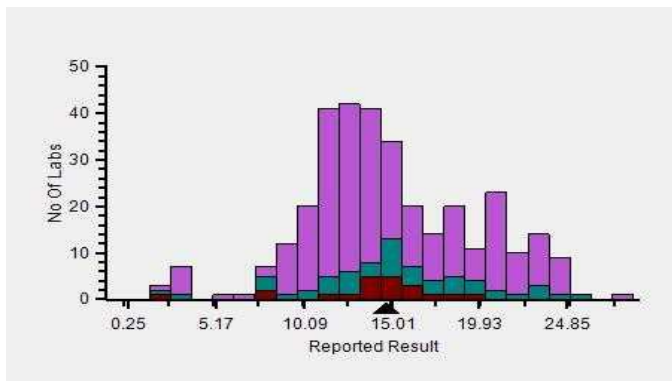
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	14.74	SDI / z-Score	0.06
Assigned Value	14.49	Average SDI	0.04
SDPA	4.300	Uncertainty of AV	0.58
Standard Unit Result Val	14.74	%DEV	1.62

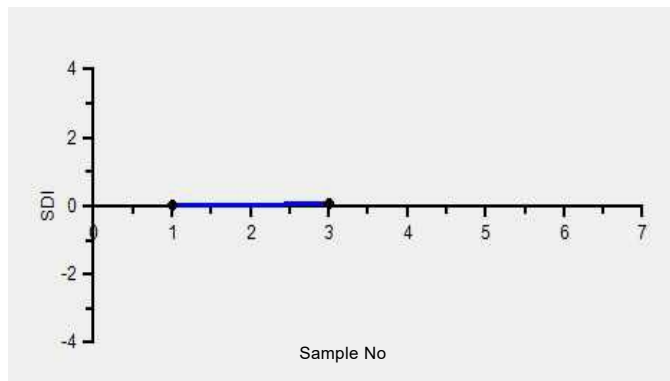
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

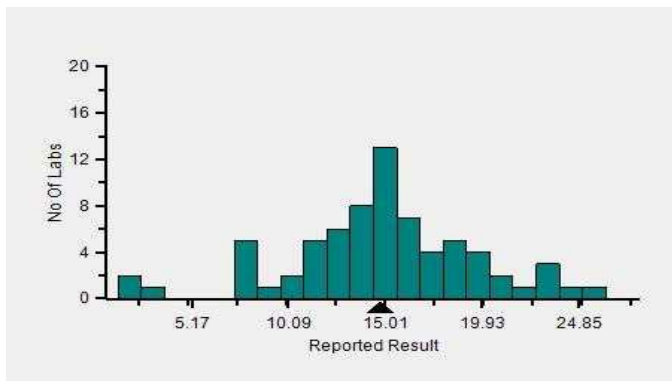
Frequency Histogram



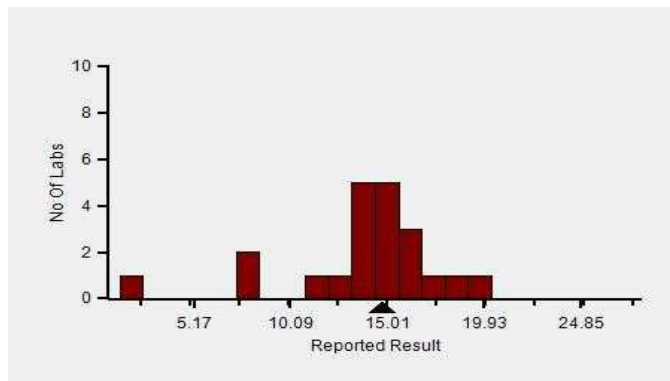
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	333	15.06	4.94	32.78	4
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>14.51</b>	<b>2.86</b>	<b>19.68</b>	<b>1</b>
	Erba EM 200	36	13.02	2.57	19.75	-
	Roche cobas c 311	32	12.06	1.67	13.84	-
	Roche cobas c 311	31	12.04	1.72	14.26	-
	Roche cobas c 311	31	12.04	1.72	14.26	-
	Fuji Dri-Chem NX500/i	29	21.29	1.41	6.62	-
	ERBA XL-640	20	13.16	3.01	22.89	-
	Roche cobas c 111	17	12.45	2.49	19.97	-

Remarks: Interpretation of your reports

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

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

a) Reported on 2 samples:

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

b) Reported on 3 samples:

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





Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Calcium, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	285	7.88	0.56	7.16	1
Arsenazo III - (Your Method)	135	8.04	0.56	6.98	1
Diasys 200 Pro - (Your Analyzer)	21	8.09	0.37	4.56	1

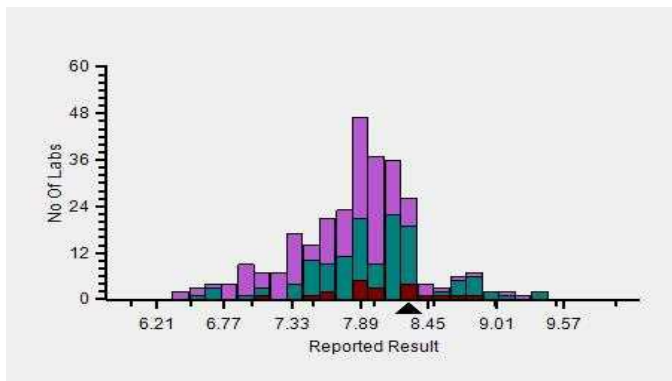
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	8.29	SDI / z-Score	0.67
Assigned Value	8.01	Average SDI	13.71
SDPA	0.420	Uncertainty of AV	0.06
Standard Unit Result Val	8.29	%DEV	2.47

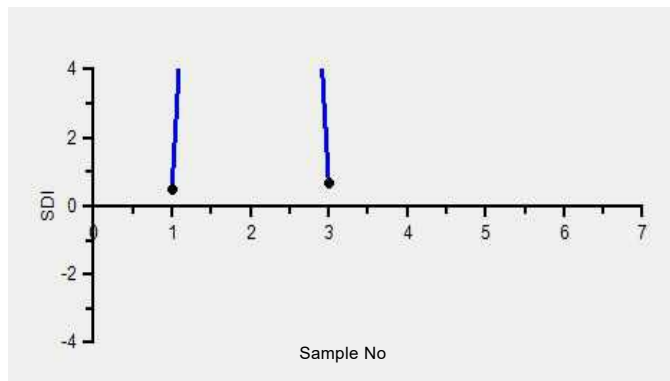
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

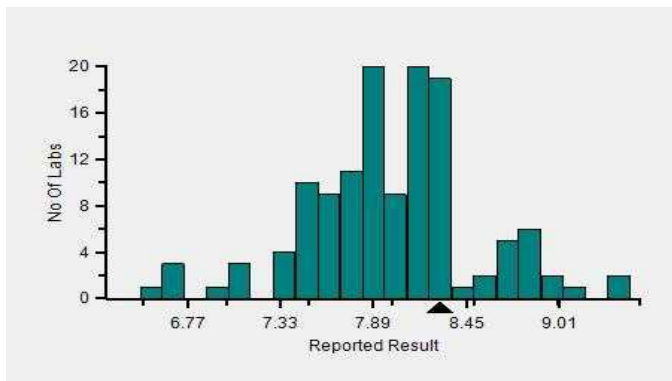
Frequency Histogram



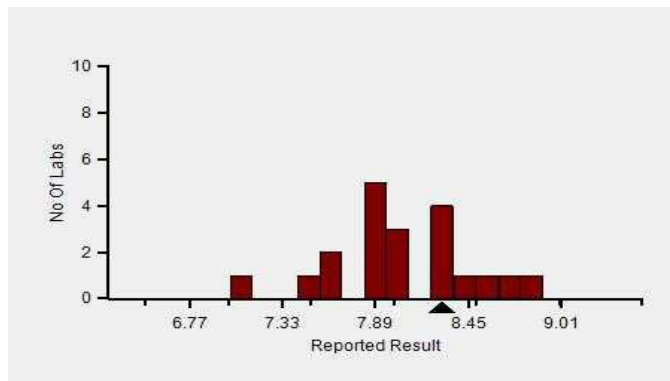
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	285	7.88	0.56	7.16	1
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>21</b>	<b>8.09</b>	<b>0.37</b>	<b>4.56</b>	<b>1</b>
	Roche cobas c 311	34	8.00	0.26	3.19	-
	Roche cobas c 311	33	7.96	0.20	2.53	-
	Roche cobas c 311	33	7.96	0.20	2.53	-
	Fuji Dri-Chem NX500/i	27	7.17	0.48	6.75	-
	Erba EM 200	26	8.21	0.56	6.84	-
	Roche cobas c 111	13	7.74	0.20	2.64	-
	Roche cobas 6000	12	7.94	0.16	1.99	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Chloride, mmol/L**

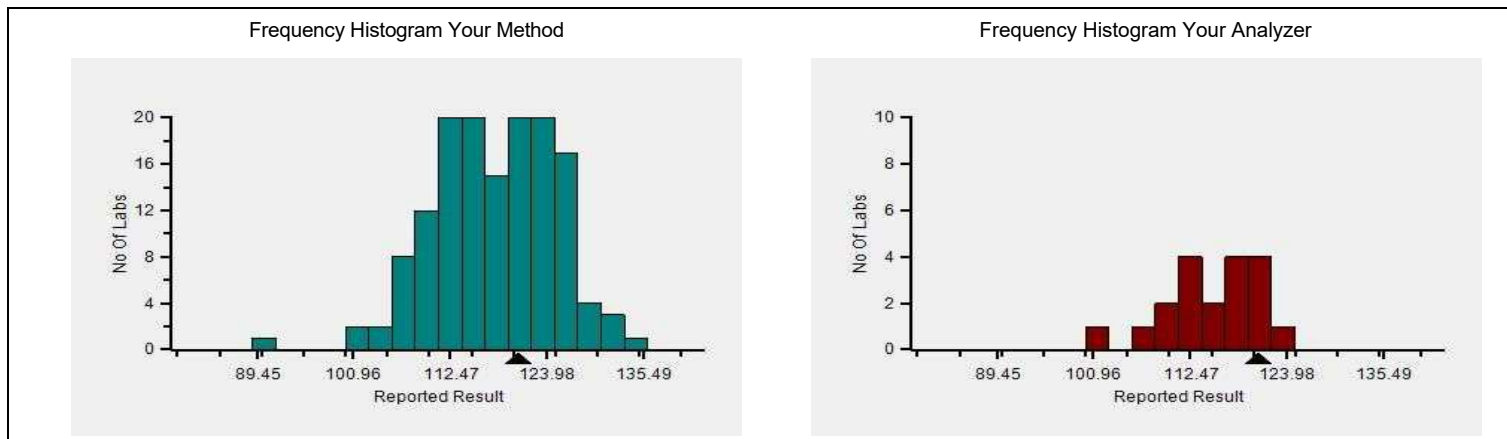
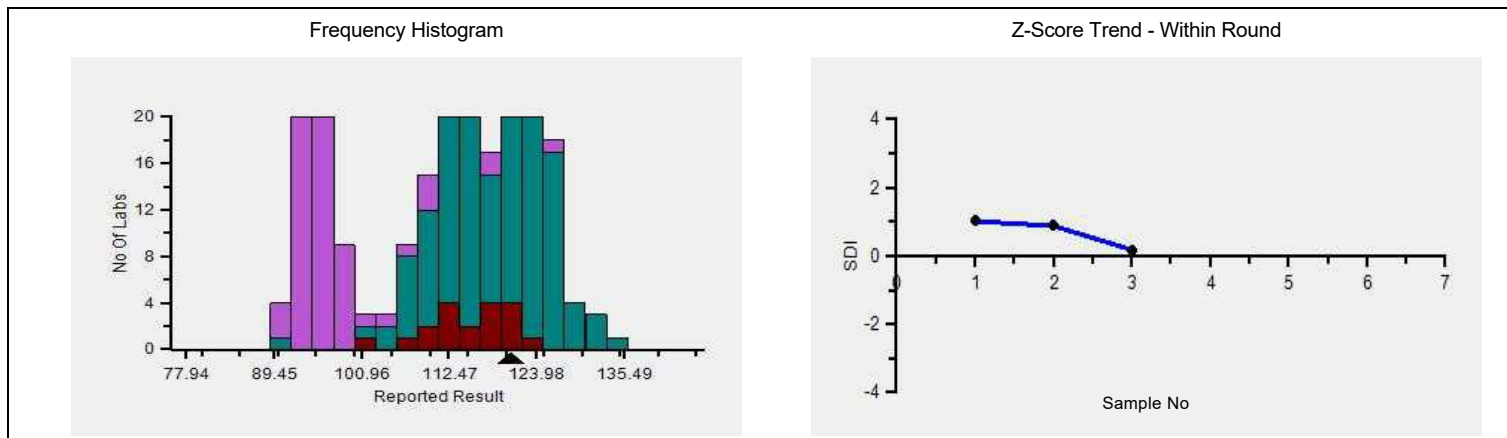
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	275	112.59	11.46	10.18	3
ISE direct - (Your Method)	186	118.55	7.58	6.40	2
ACCULYTE-3P - (Your Analyzer)	19	115.05	5.62	4.89	--

Evaluation Based On - Method wise Peer Grouping			
Your Result	120.57	SDI / z-Score	0.18
Assigned Value	118.76	Average SDI	0.69
SDPA	9.900	Uncertainty of AV	0.59
Standard Unit Result Val	120.57	%DEV	4.80

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	275	112.59	11.46	10.18	3
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>115.05</b>	<b>5.62</b>	<b>4.89</b>	-
	Fuji Dri-Chem NX500/i	32	122.11	7.19	5.88	-
	Roche cobas c 311	25	96.39	4.69	4.87	1
	Roche cobas c 311	24	95.78	5.65	5.89	1
	Fuji Dri-Chem NX600	13	122.85	2.97	2.42	-
	EasyLyte	11	120.66	4.20	3.48	-
	Beckman Coulter DxC 700 AU	10	95.29	1.60	1.68	-
	Erba EC 90	10	116.22	4.22	3.63	-

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
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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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Creatinine, mg/dl**

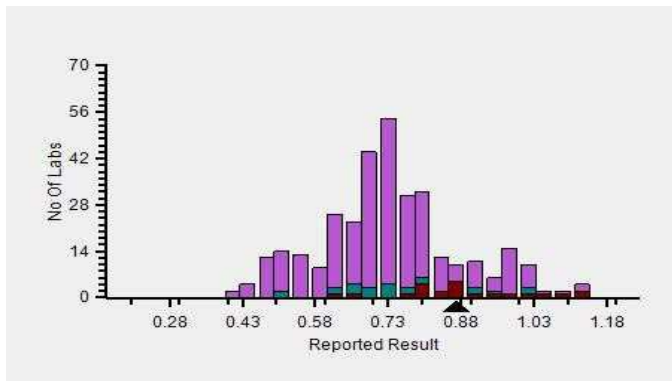
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	333	0.73	0.15	20.25	2
Jaffe - Alkaline picrate - (Your Method)	46	0.81	0.15	18.94	--
Diasys 200 Pro - (Your Analyzer)	22	0.88	0.14	15.61	--

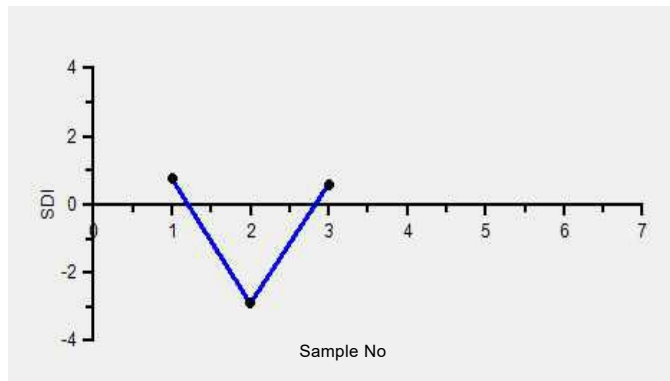
<b>Your Result</b>	0.87	<b>SDI / z-Score</b>	0.60
<b>Assigned Value</b>	0.79	<b>Average SDI</b>	-0.52
<b>SDPA</b>	0.136	<b>Uncertainty of AV</b>	0.02
<b>Standard Unit Result Val</b>	0.87	<b>%DEV</b>	-1.58

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

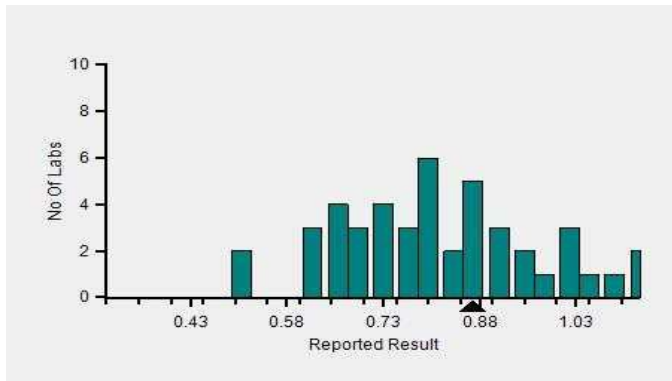
Frequency Histogram



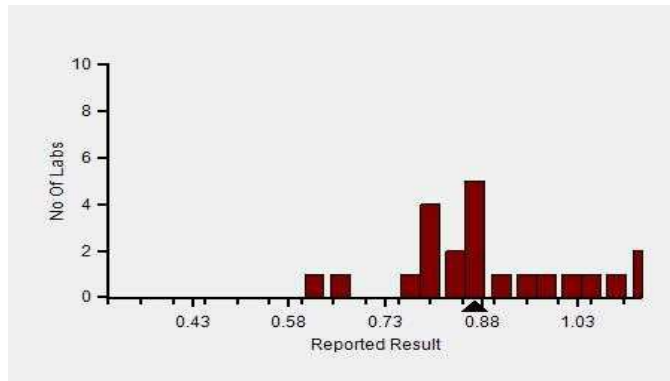
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	333	0.73	0.15	20.25	2
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>0.88</b>	<b>0.14</b>	<b>15.61</b>	-
	Erba EM 200	35	0.75	0.12	15.56	-
	Roche cobas c 311	34	0.73	0.04	5.59	-
	Roche cobas c 311	33	0.73	0.04	5.73	-
	Roche cobas c 311	33	0.73	0.04	5.73	-
	Fuji Dri-Chem NX500/i	27	0.53	0.05	9.30	1
	ERBA XL-640	18	0.90	0.16	17.61	-
	Roche cobas c 111	16	0.70	0.07	9.74	-

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:

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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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Glucose, mg/dl**

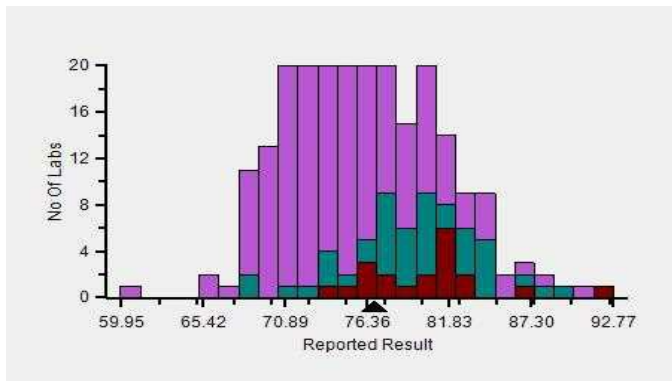
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	290	76.38	5.51	7.22	4
GOD POD - (Your Method)	69	80.08	5.13	6.41	3
Diasys 200 Pro - (Your Analyzer)	22	80.41	4.14	5.15	1

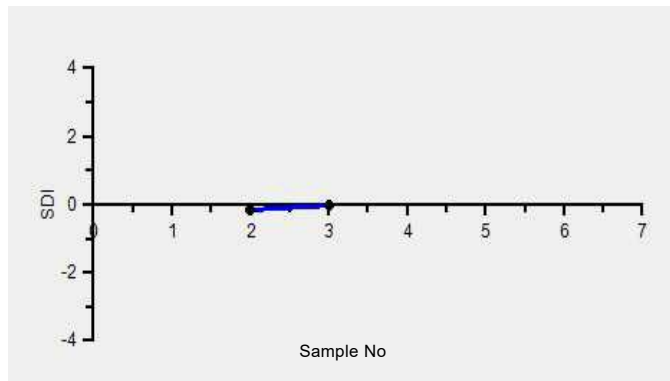
<b>Your Result</b>	76.80	<b>SDI / z-Score</b>	-0.03
<b>Assigned Value</b>	77.05	<b>Average SDI</b>	-0.10
<b>SDPA</b>	7.900	<b>Uncertainty of AV</b>	1.47
<b>Standard Unit Result Val</b>	76.80	<b>%DEV</b>	-4.49

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

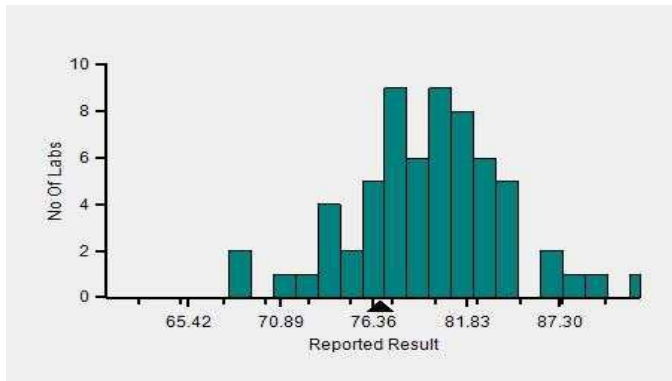
Frequency Histogram



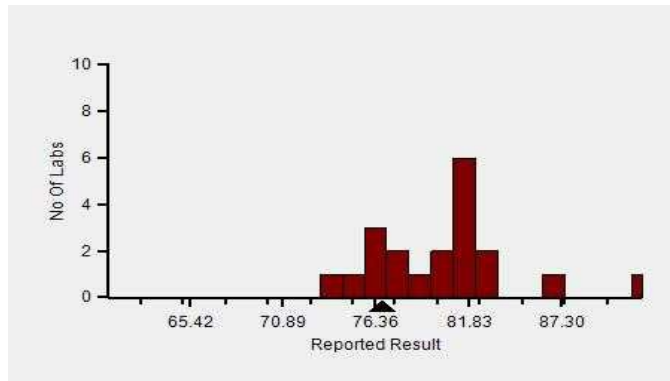
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Glucose		N	Mean	SD	CV%	Excluded
	All Analyzer	290	76.38	5.51	7.22	4
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>80.41</b>	<b>4.14</b>	<b>5.15</b>	<b>1</b>
	Roche cobas c 311	28	75.66	1.59	2.11	-
	Roche cobas c 311	27	75.65	1.57	2.08	-
	Roche cobas c 311	27	75.65	1.57	2.08	-
	Erba EM 200	26	80.48	4.27	5.31	-
	Fuji Dri-Chem NX500/i	26	71.87	3.19	4.44	1
	ERBA XL-640	17	80.38	7.00	8.71	-
	Roche cobas c 111	13	76.95	2.39	3.10	-

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

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





Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	287	6.29	0.95	15.06	5
ISE direct - (Your Method)	200	6.83	0.40	5.92	--
ACCULYTE-3P - (Your Analyzer)	18	7.00	0.21	3.00	1

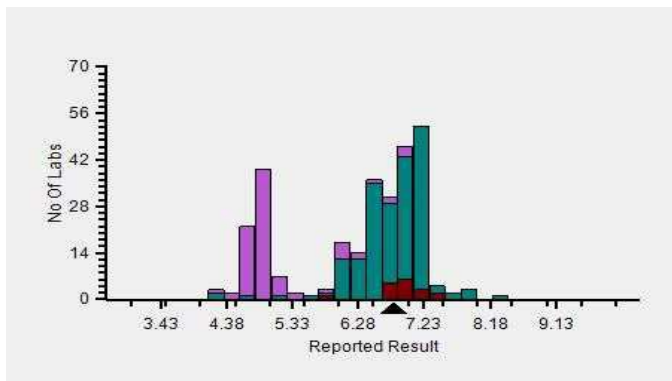
**Evaluation Based On - Method wise Peer Grouping**

<b>Your Result</b>	6.80	<b>SDI / z-Score</b>	-0.04
<b>Assigned Value</b>	6.83	<b>Average SDI</b>	-0.42
<b>SDPA</b>	0.870	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	6.80	<b>%DEV</b>	-2.87

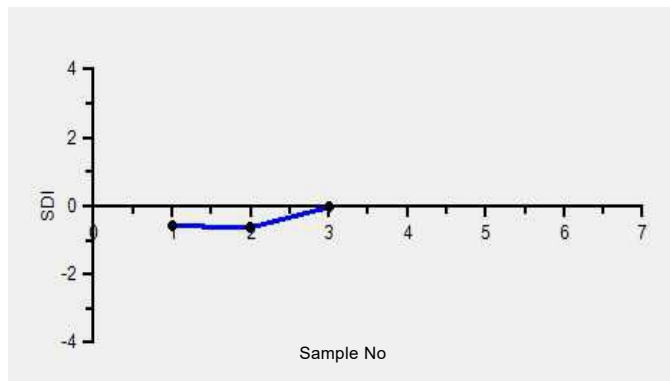
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

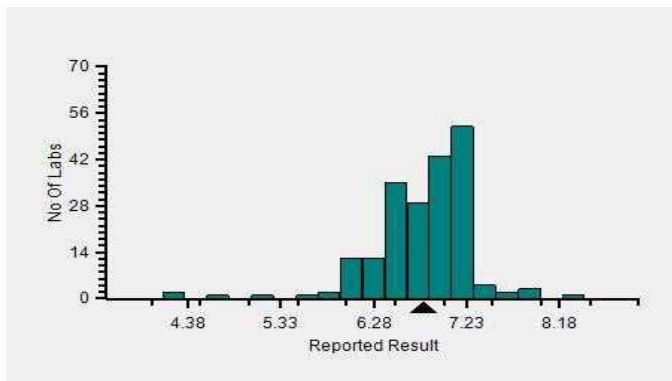
Frequency Histogram



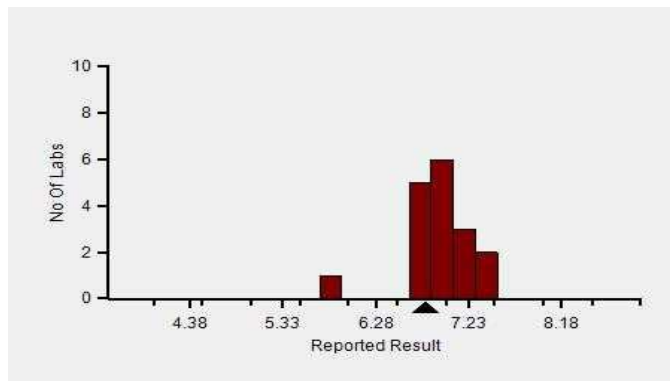
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	287	6.29	0.95	15.06	5
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>18</b>	<b>7.00</b>	<b>0.21</b>	<b>3.00</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	35	7.10	0.13	1.82	-
	Roche cobas c 311	24	4.95	0.41	8.18	1
	Roche cobas c 311	23	4.96	0.41	8.32	1
	EasyLyte	15	6.54	0.36	5.56	1
	Fuji Dri-Chem NX600	12	7.12	0.28	3.88	-
	Fuji Dri-Chem 4000i	10	7.07	0.13	1.90	-
	Beckman Coulter DxC 700 AU	10	4.68	0.07	1.52	-

Remarks: Interpretation of your reports

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

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

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



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	287	165.50	21.03	12.71	2
ISE direct - (Your Method)	198	177.03	7.40	4.18	1
ACCULYTE-3P - (Your Analyzer)	19	180.64	7.10	3.93	1

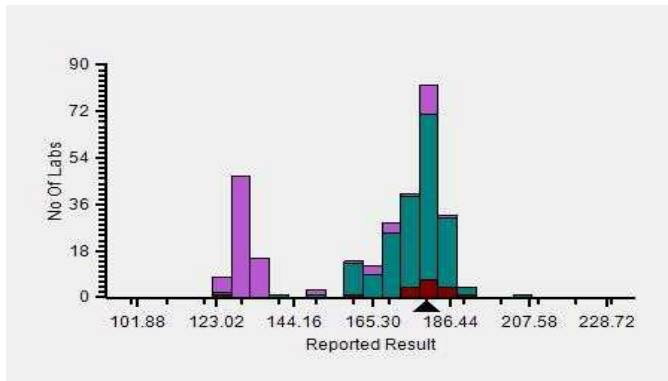
**Evaluation Based On - Method wise Peer Grouping**

Your Result	180.00	SDI / z-Score	0.13
Assigned Value	177.59	Average SDI	-0.56
SDPA	19.100	Uncertainty of AV	0.87
Standard Unit Result Val	180.00	%DEV	-0.36

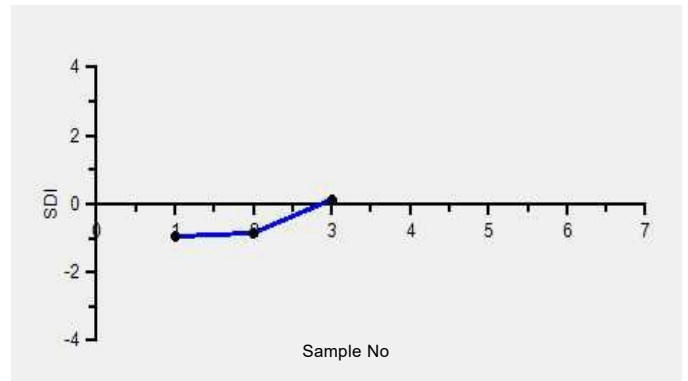
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

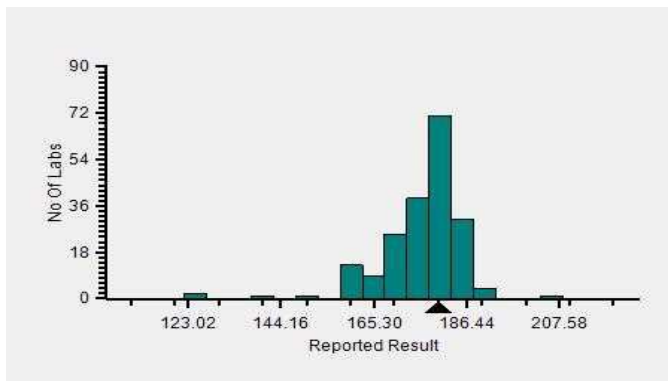
Frequency Histogram



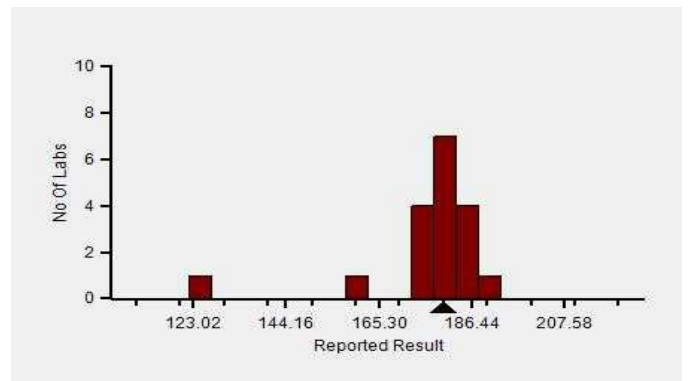
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	287	165.50	21.03	12.71	2
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>180.64</b>	<b>7.10</b>	<b>3.93</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	36	176.26	7.19	4.08	-
	Roche cobas c 311	25	135.34	13.34	9.86	1
	Roche cobas c 311	24	133.42	9.79	7.34	1
	EasyLyte	15	174.26	6.07	3.49	-
	Fuji Dri-Chem NX600	12	178.92	9.44	5.28	-
	Beckman Coulter DxC 700 AU	10	127.91	2.02	1.58	-
	Erba EC 90	10	184.64	3.69	2.00	-

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 : 230310

Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

**Biochemistry, Uric Acid, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	330	4.39	0.43	9.83	6
Uricase - (Your Method)	79	4.41	0.46	10.42	--
Diasys 200 Pro - (Your Analyzer)	22	4.21	0.35	8.32	--

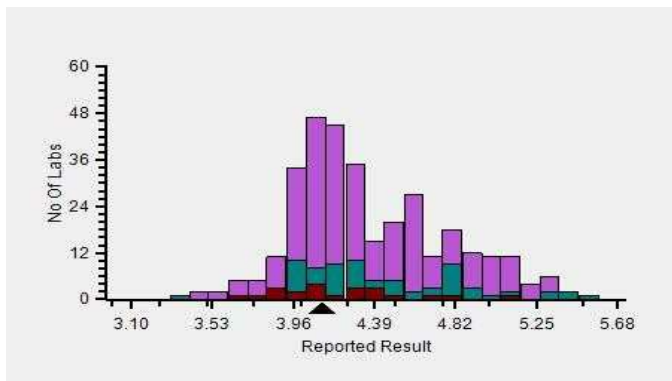
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	4.11	SDI / z-Score	-0.51
Assigned Value	4.32	Average SDI	-0.70
SDPA	0.406	Uncertainty of AV	0.07
Standard Unit Result Val	4.11	%DEV	-2.35

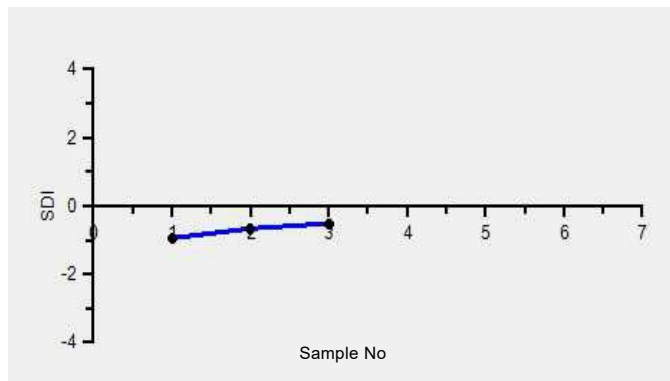
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

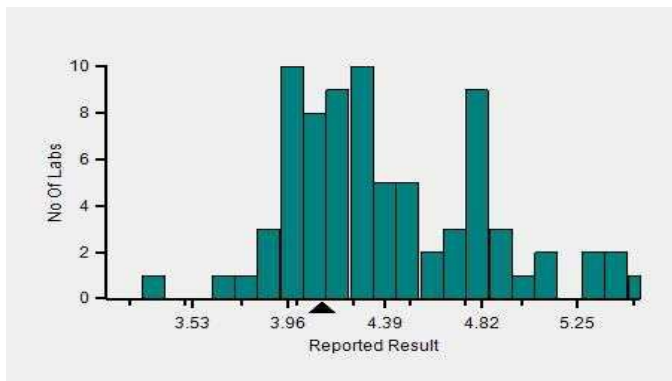
Frequency Histogram



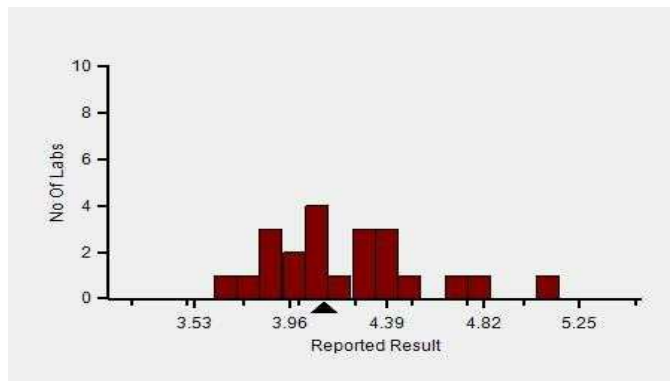
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1053

Cycle No : 230310

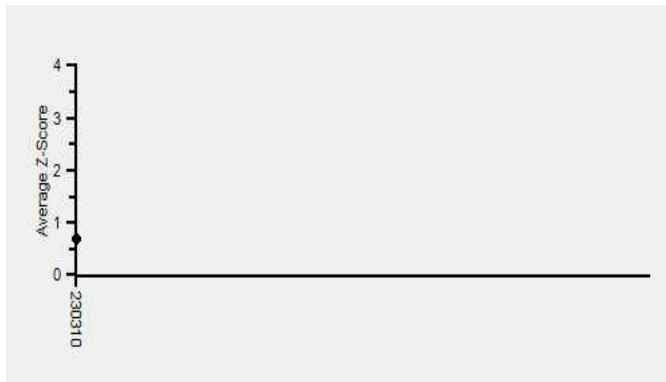
Lab Name : KRSNAA DIAGNOSTICS LTD, RAJPURA

Sample No : 03

Report Date : 19/12/2023

Sample Date : 07/10/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	330	4.39	0.43	9.83	6
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>4.21</b>	<b>0.35</b>	<b>8.32</b>	-
	Erba EM 200	33	4.87	0.36	7.35	1
	Roche cobas c 311	33	4.11	0.12	3.02	-
	Roche cobas c 311	32	4.10	0.12	2.98	-
	Roche cobas c 311	32	4.10	0.12	2.98	-
	Fuji Dri-Chem NX500/i	29	4.57	0.27	5.97	-
	ERBA XL-640	20	4.75	0.43	9.03	-
	Roche cobas c 111	16	4.03	0.23	5.68	1

Remarks: Interpretation of your reports

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  - All failed - Unacceptable performance, Review for systematic error

*Dr. Puneet Kumar Nigam*

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This is a computer generated report hence signature is not required



PC-1022