

Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Albumin, g/dL**

**Comparative Statistics**

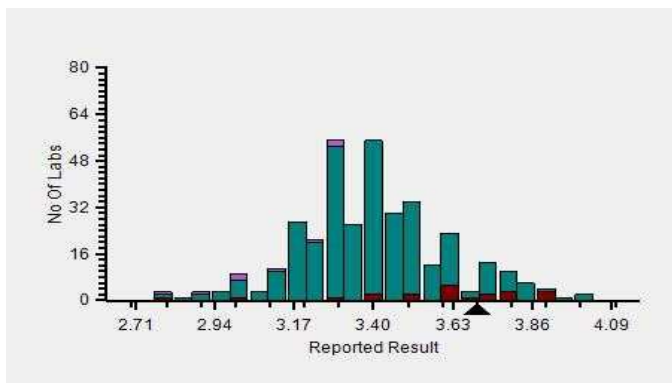
	N	Mean	SD	CV%	Excluded
All Methods	353	3.39	0.22	6.54	2
Bromcresol Green (BCG) - (Your Method)	355	3.40	0.22	6.41	2
Diasys 200 Pro - (Your Analyzer)	24	3.62	0.31	8.51	1

<b>Your Result</b>	3.70	<b>SDI / z-Score</b>	1.16
<b>Assigned Value</b>	3.37	<b>Average SDI</b>	1.13
<b>SDPA</b>	0.289	<b>Uncertainty of AV</b>	0.03
<b>Standard Unit Result Val</b>	3.70	<b>%DEV</b>	2.18

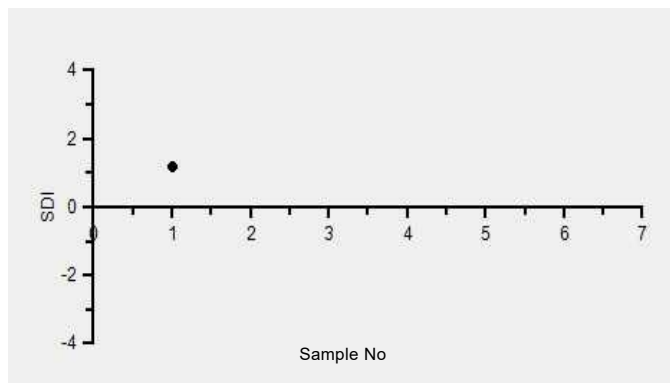
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

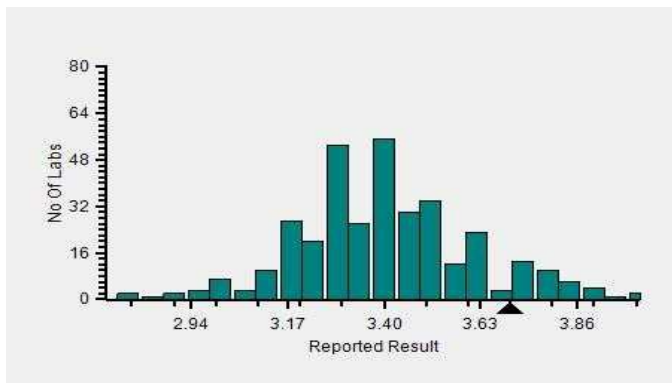
Frequency Histogram



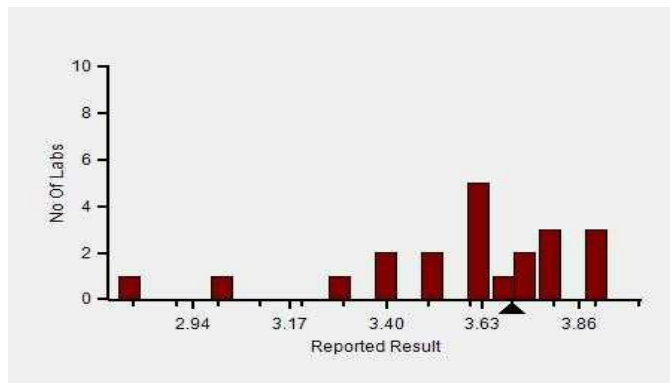
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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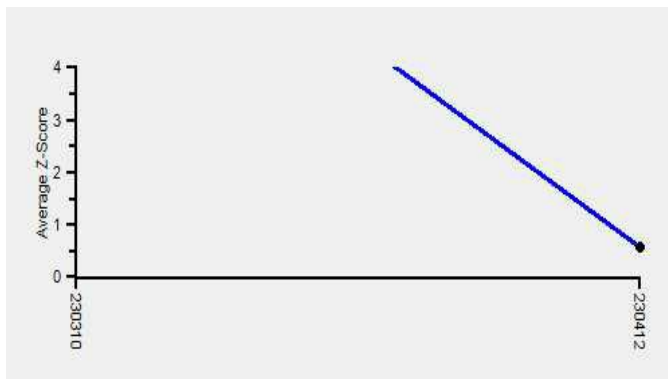
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

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Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	353	3.39	0.22	6.54	2
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>3.62</b>	<b>0.31</b>	<b>8.51</b>	<b>1</b>
	Erba EM 200	41	3.38	0.16	4.70	-
	Roche cobas c 311	38	3.35	0.14	4.27	-
	Fuji Dri-Chem NX500/i	30	3.48	0.26	7.55	-
	Roche cobas c 111	24	3.40	0.15	4.44	-
	Erba XL-200	17	3.44	0.17	5.00	-
	ERBA XL-640	13	3.42	0.15	4.27	-
	Roche cobas 6000	12	3.33	0.11	3.33	-

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
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**Biochemistry, ALP, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	349	45.54	8.84	19.42	9
IFCC - (Your Method)	77	42.59	6.51	15.28	5
Diasys 200 Pro - (Your Analyzer)	24	42.48	7.82	18.42	1

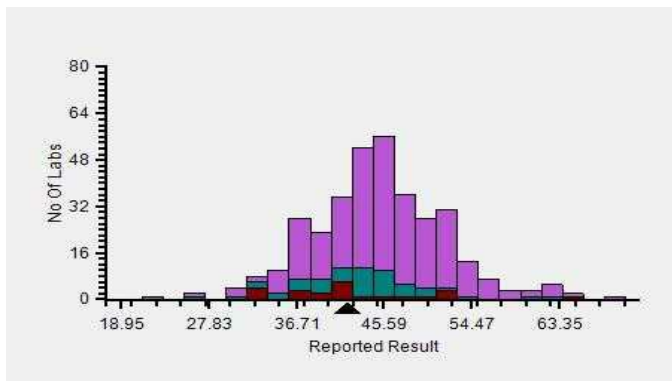
**Evaluation Based On - Method wise Peer Grouping**

Your Result	41.91	SDI / z-Score	-0.36
Assigned Value	44.79	Average SDI	-0.78
SDPA	8.100	Uncertainty of AV	0.40
Standard Unit Result Val	41.91	%DEV	-1.34

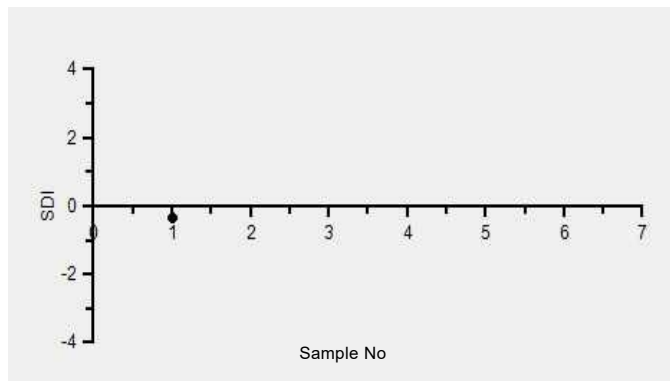
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

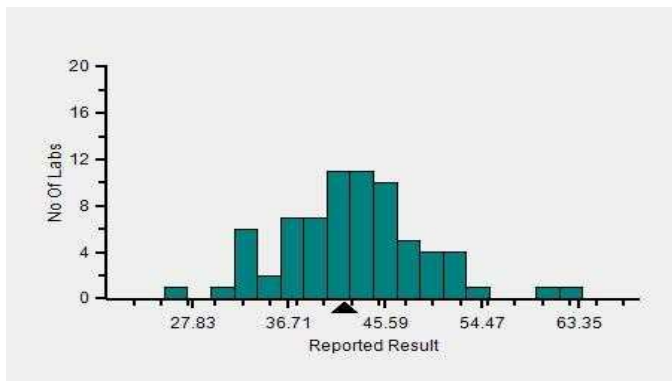
Frequency Histogram



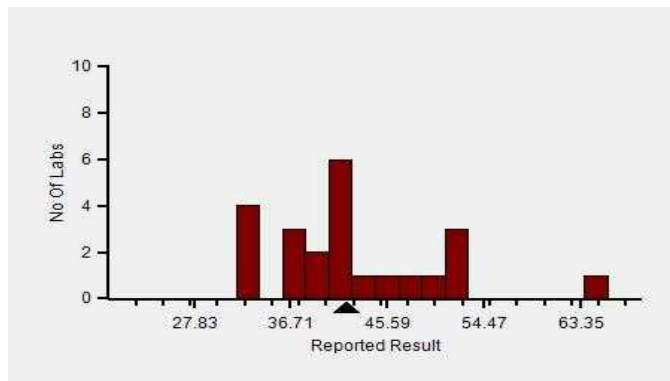
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

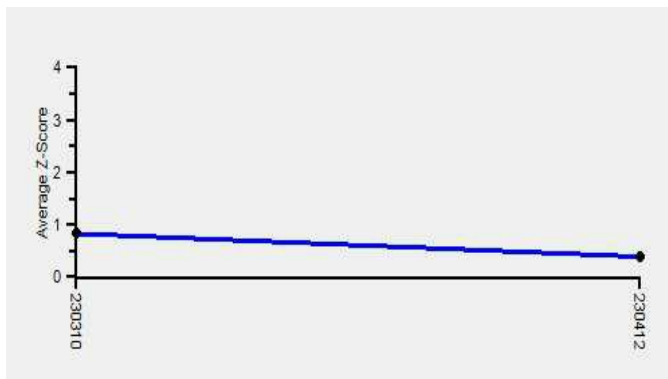
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	349	45.54	8.84	19.42	9
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>42.48</b>	<b>7.82</b>	<b>18.42</b>	<b>1</b>
	Erba EM 200	40	45.48	6.82	15.01	2
	Roche cobas c 311	37	46.81	4.21	9.00	-
	Fuji Dri-Chem NX500/i	31	47.32	7.45	15.73	-
	Fuji Dri-Chem NX500/i	30	47.20	7.54	15.98	-
	Roche cobas c 111	23	45.43	5.34	11.75	-
	Erba XL-200	16	48.73	5.06	10.39	1
	ERBA XL-640	14	43.50	7.01	16.12	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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**Biochemistry, ALT, U/L**

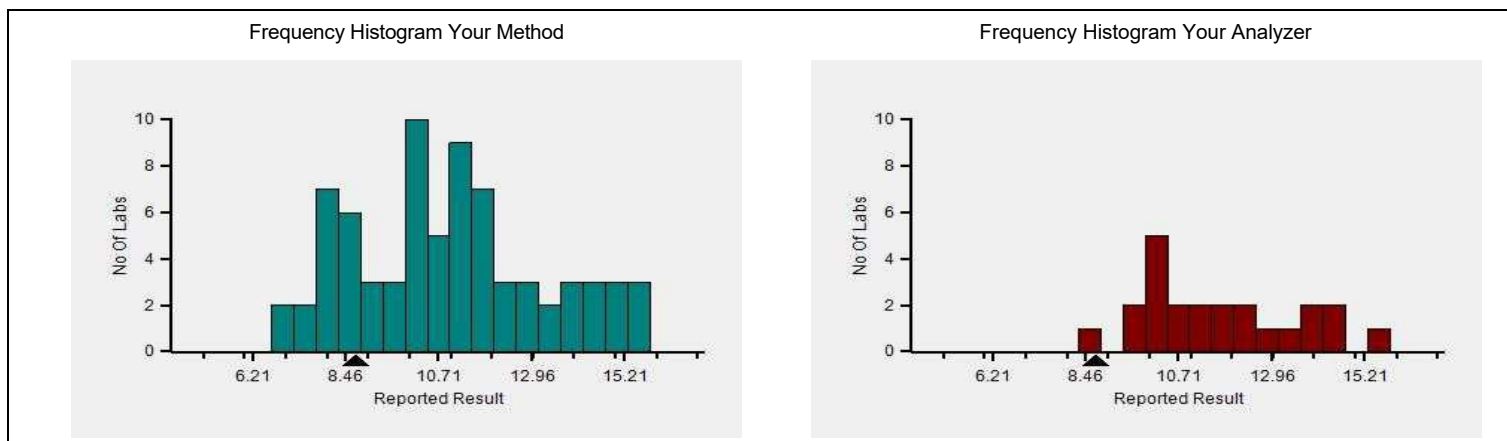
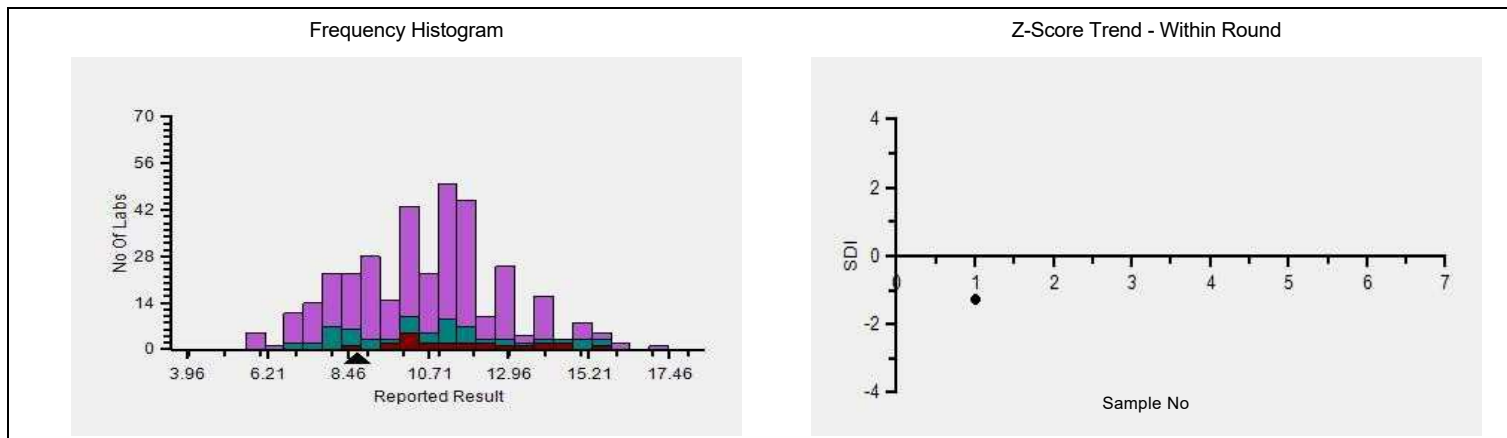
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	355	10.70	2.25	21.01	10
IFCC - (Your Method)	77	11.05	2.44	22.07	2
Diasys 200 Pro - (Your Analyzer)	24	11.71	1.84	15.73	1

Evaluation Based On - Equipment wise Peer Grouping			
Your Result	8.70	SDI / z-Score	-1.25
Assigned Value	11.49	Average SDI	-0.92
SDPA	2.230	Uncertainty of AV	0.49
Standard Unit Result Val	8.70	%DEV	-25.72

Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4



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Cycle No : 230412

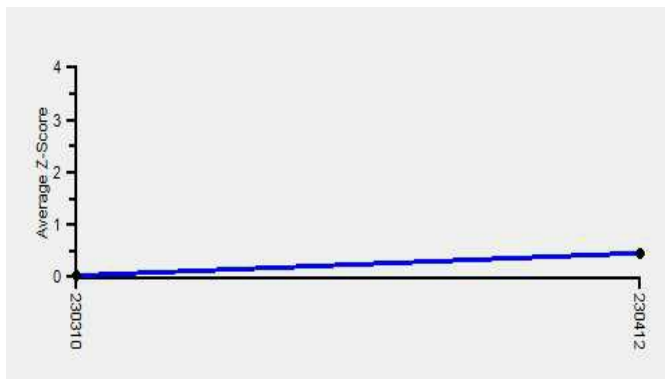
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	355	10.70	2.25	21.01	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>11.71</b>	<b>1.84</b>	<b>15.73</b>	<b>1</b>
	Erba EM 200	42	9.42	2.08	22.14	1
	Roche cobas c 311	37	10.61	1.87	17.64	-
	Fuji Dri-Chem NX500/i	30	12.53	1.43	11.43	-
	Fuji Dri-Chem NX500/i	29	12.62	1.37	10.89	-
	Roche cobas c 111	24	9.20	1.21	13.20	-
	Erba XL-200	15	8.80	1.81	20.58	-
	ERBA XL-640	14	11.14	1.21	10.87	-

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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Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

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**Biochemistry, AST, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	354	16.88	4.54	26.87	16
IFCC - (Your Method)	76	16.64	3.92	23.55	4
Diasys 200 Pro - (Your Analyzer)	24	16.30	3.79	23.26	--

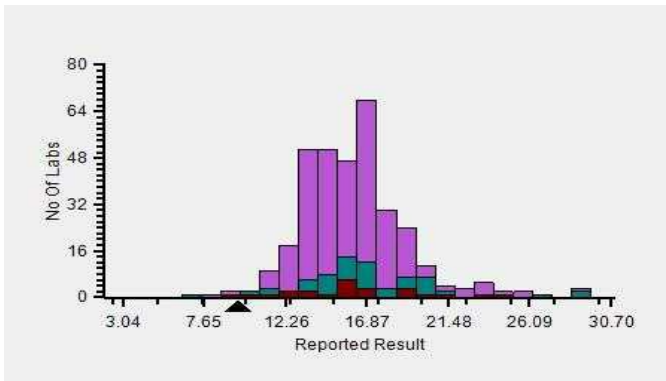
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	9.60	SDI / z-Score	-2.30
Assigned Value	16.16	Average SDI	-0.29
SDPA	2.853	Uncertainty of AV	0.53
Standard Unit Result Val	9.60	%DEV	-41.11

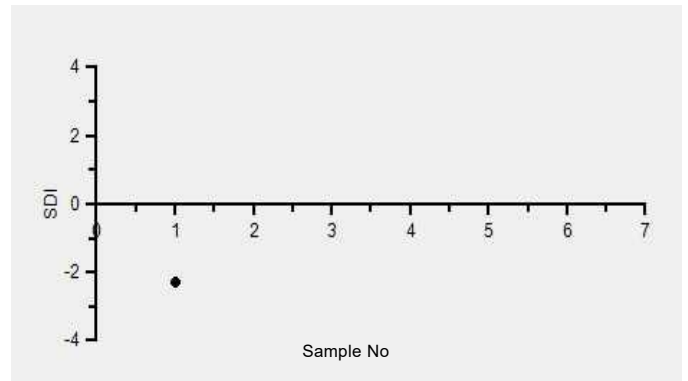
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

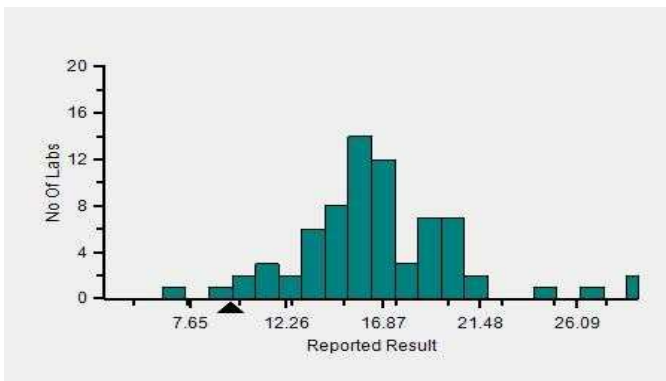
Frequency Histogram



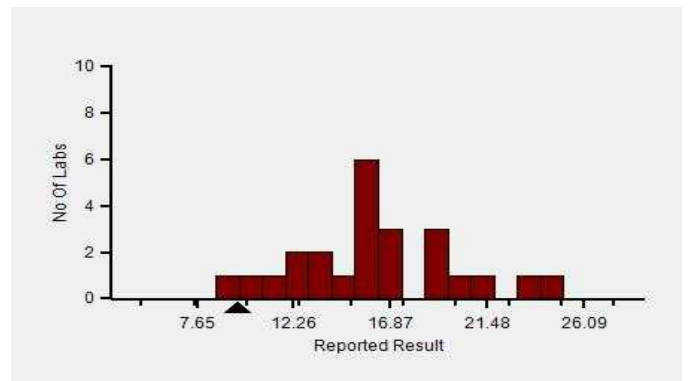
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

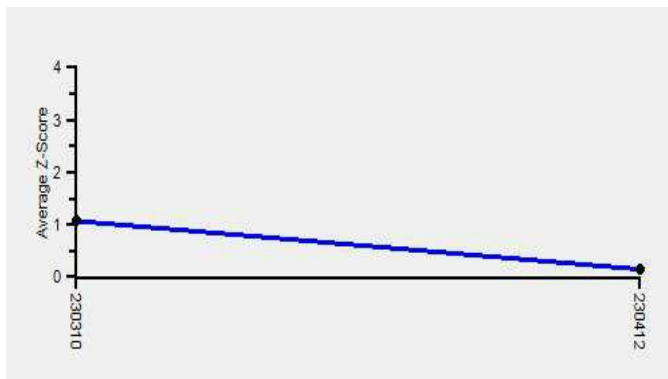
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

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Frequency Histogram Your Method



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

**Comments :**

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	354	16.88	4.54	26.87	16
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>16.30</b>	<b>3.79</b>	<b>23.26</b>	-
	Erba EM 200	41	14.83	3.00	20.23	1
	Roche cobas c 311	36	15.73	1.71	10.89	-
	Fuji Dri-Chem NX500/i	30	17.12	0.82	4.77	4
	Fuji Dri-Chem NX500/i	29	17.12	0.83	4.87	4
	Roche cobas c 111	25	14.32	1.66	11.56	1
	Erba XL-200	16	14.91	2.53	16.96	-
	ERBA XL-640	14	15.93	0.79	4.93	1

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
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Interpretation when an analyte is reported for multiple samples in a Round:

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Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

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

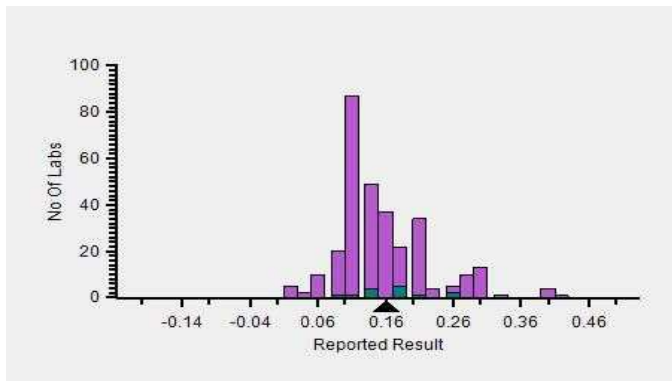
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	350	0.16	0.10	60.90	52
DCA - (Your Method)	41	0.16	0.05	31.10	27
Diasys 200 Pro - (Your Analyzer)	24	--	--	--	24

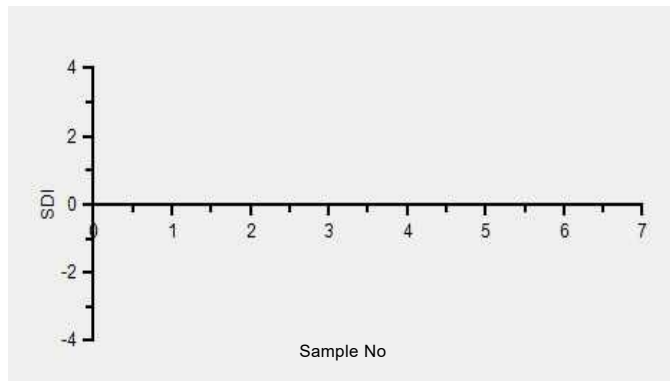
<b>Your Result</b>	0.16	<b>SDI / z-Score</b>	
<b>Assigned Value</b>	#	<b>Average SDI</b>	-0.91
<b>SDPA</b>	#	<b>Uncertainty of AV</b>	
<b>Standard Unit Result Val</b>	0.16 #	<b>%DEV</b>	

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

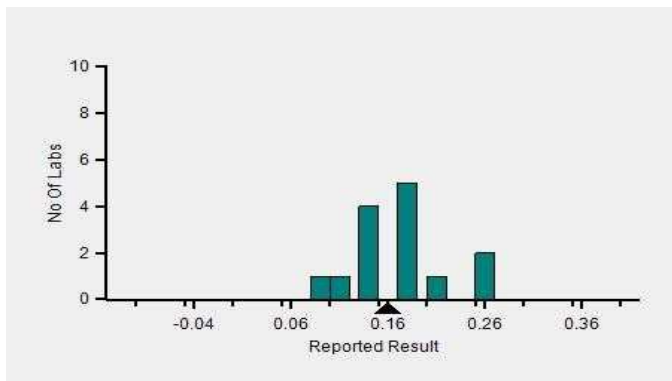
Frequency Histogram



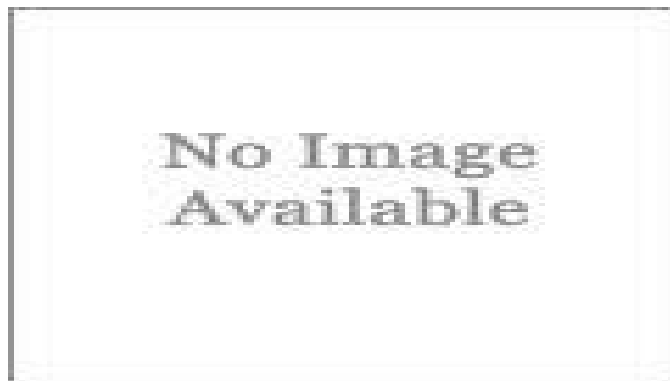
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

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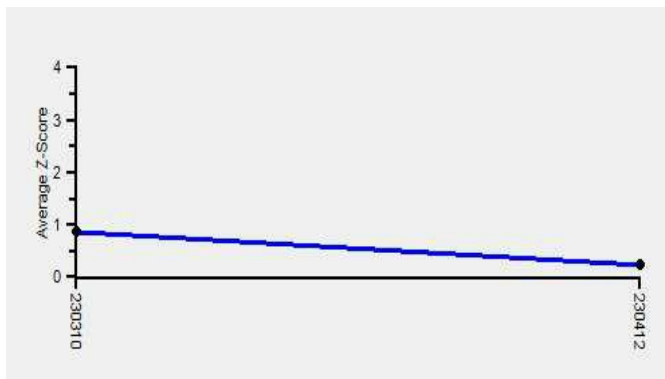
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

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Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	350	0.16	0.10	60.51	52
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24</b>
	Erba EM 200	40	0.13	0.04	29.55	2
	Roche cobas c 311	37	0.12	0.04	28.69	2
	Fuji Dri-Chem NX500/i	29	0.15	0.05	33.11	3
	Roche cobas c 111	23	0.11	0.04	38.89	1
	Erba XL-200	17	0.13	0.05	40.00	1
	ERBA XL-640	14	0.11	0.03	22.52	1
	Roche cobas 6000	12	0.14	0.02	13.38	-

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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**Biochemistry, Calcium, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	322	6.74	0.53	7.92	5
Arsenazo III - (Your Method)	161	6.89	0.55	7.95	1
Diasys 200 Pro - (Your Analyzer)	24	6.84	0.69	10.14	--

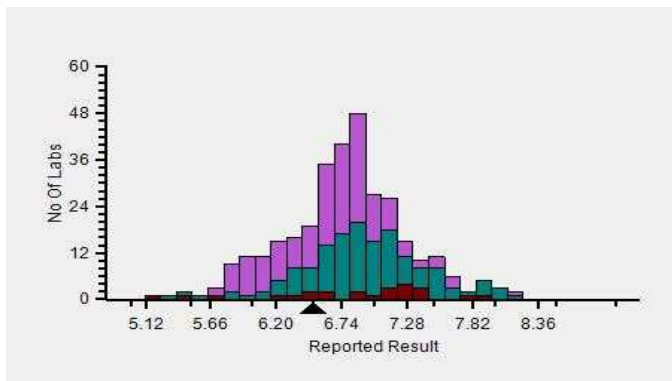
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	6.50	SDI / z-Score	-0.61
Assigned Value	6.83	Average SDI	-0.74
SDPA	0.550	Uncertainty of AV	0.04
Standard Unit Result Val	6.50	%DEV	-4.90

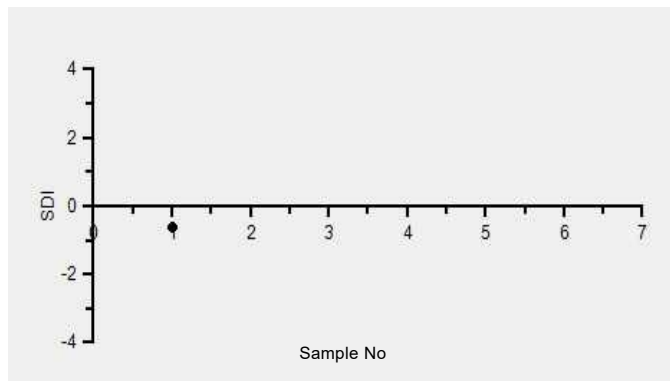
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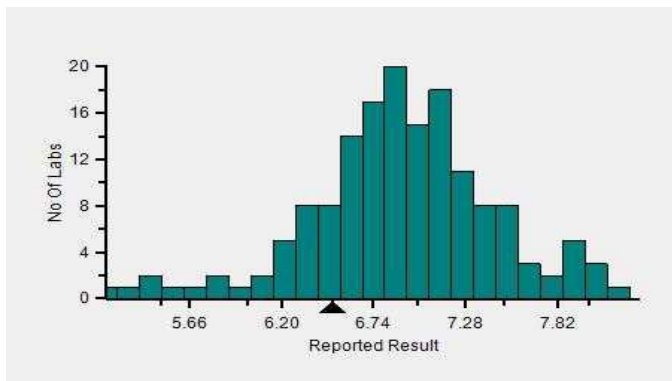
Frequency Histogram



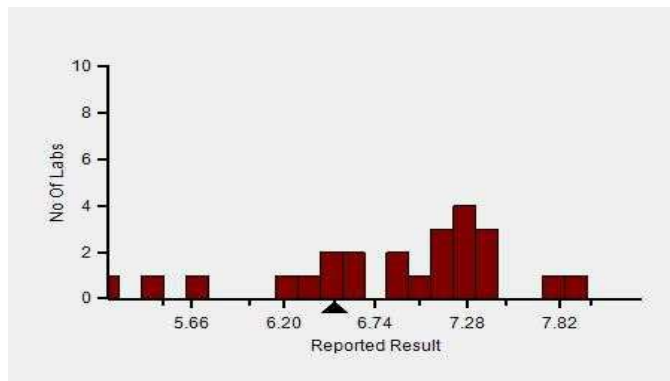
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



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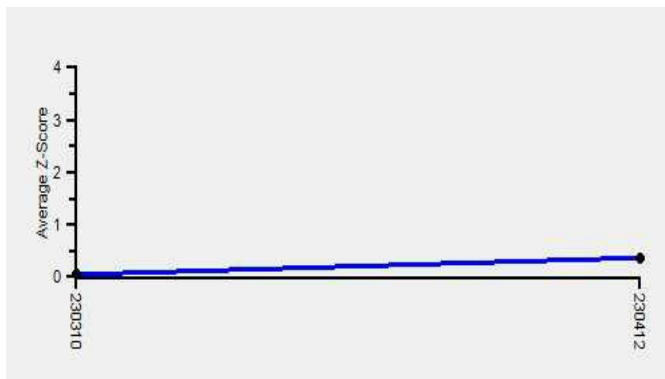
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

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Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	6.74	0.53	7.92	5
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>6.84</b>	<b>0.69</b>	<b>10.14</b>	-
	Roche cobas c 311	38	6.79	0.28	4.14	-
	Erba EM 200	36	6.93	0.53	7.69	2
	Fuji Dri-Chem NX500/i	26	6.09	0.50	8.26	-
	Roche cobas c 111	19	6.73	0.41	6.05	-
	Erba XL-200	13	6.92	0.61	8.85	-
	ERBA XL-640	13	7.29	0.62	8.55	-
	Fuji Dri-Chem NX600	13	6.07	0.56	9.21	-

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**Biochemistry, Chloride, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	310	81.04	5.22	6.44	7
ISE direct - (Your Method)	218	82.21	5.24	6.37	3
ACCULYTE-3P - (Your Analyzer)	20	83.97	4.45	5.30	--

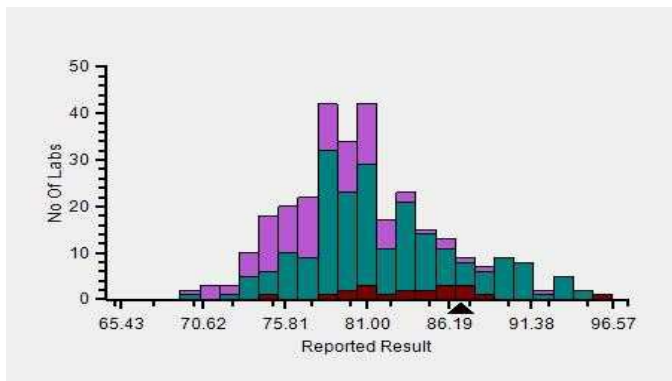
**Evaluation Based On - Method wise Peer Grouping**

Your Result	86.91	SDI / z-Score	0.84
Assigned Value	82.08	Average SDI	0.60
SDPA	5.760	Uncertainty of AV	0.43
Standard Unit Result Val	86.91	%DEV	3.50

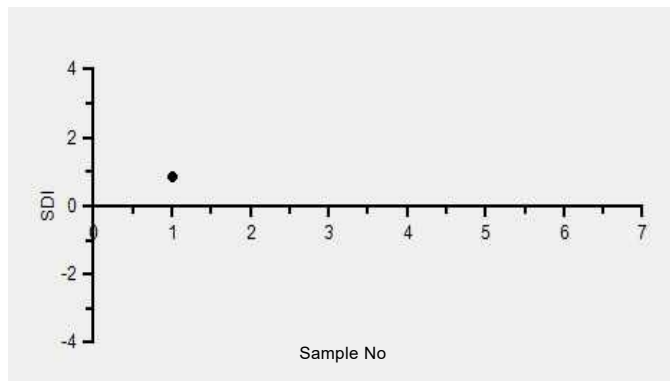
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

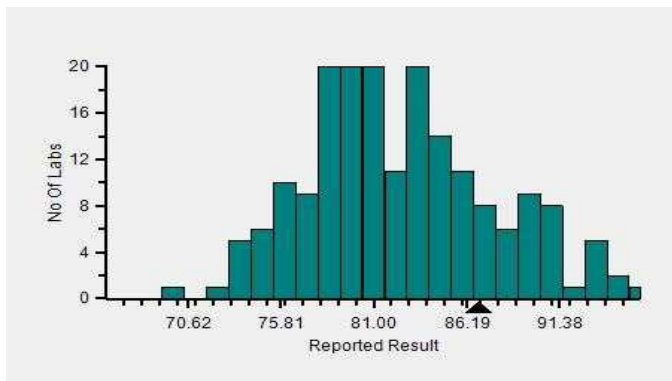
Frequency Histogram



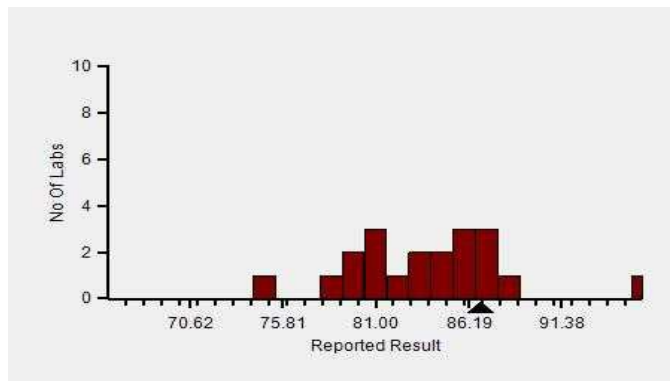
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

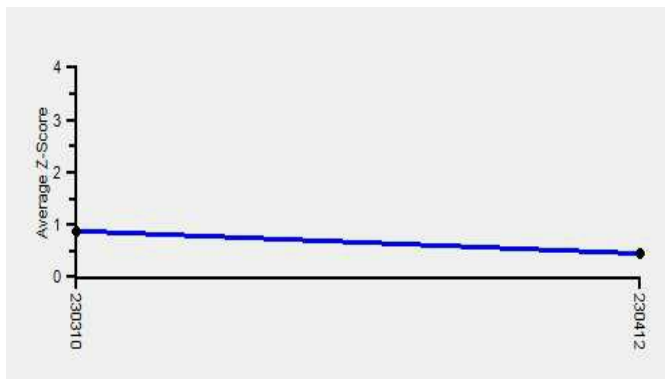
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	310	81.04	5.22	6.44	7
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>83.97</b>	<b>4.45</b>	<b>5.30</b>	-
	Fuji Dri-Chem NX500/i	31	79.77	1.71	2.14	-
	Roche cobas c 311	28	76.91	2.06	2.68	-
	Fuji Dri-Chem NX600	18	79.19	5.47	6.90	-
	Sensa Core ST200 Aqua	15	85.44	5.72	6.70	3
	Fuji Dri-Chem 4000i	13	77.56	3.49	4.49	-
	Roche AVL 9180	12	79.55	5.92	7.44	-
	EasyLyte	12	81.25	2.82	3.47	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
- 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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  - 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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Cholesterol, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	349	127.67	8.33	6.53	8
CHOD-PAP - (Your Method)	115	127.64	8.85	6.94	4
Diasys 200 Pro - (Your Analyzer)	24	130.74	6.55	5.01	1

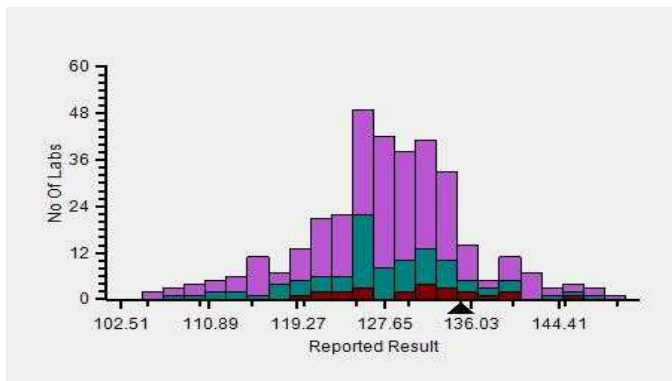
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	135.00	SDI / z-Score	0.58
Assigned Value	130.00	Average SDI	-0.47
SDPA	8.600	Uncertainty of AV	1.03
Standard Unit Result Val	135.00	%DEV	3.26

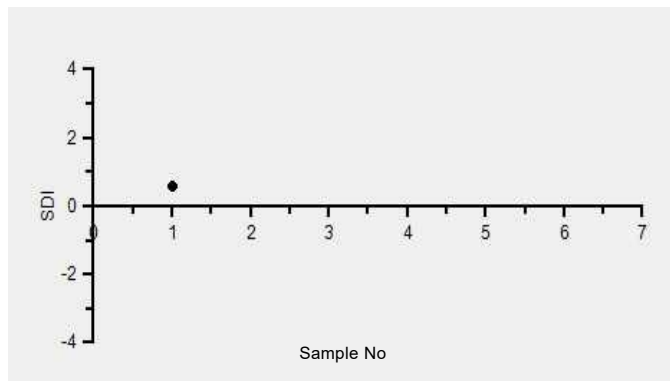
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

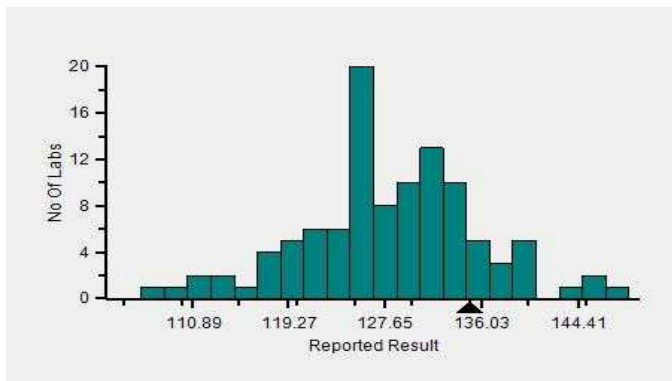
Frequency Histogram



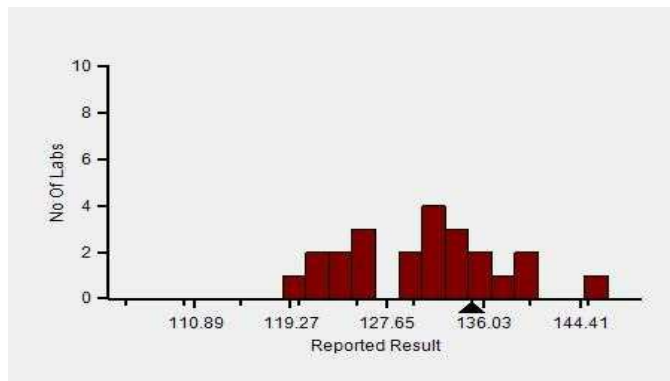
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

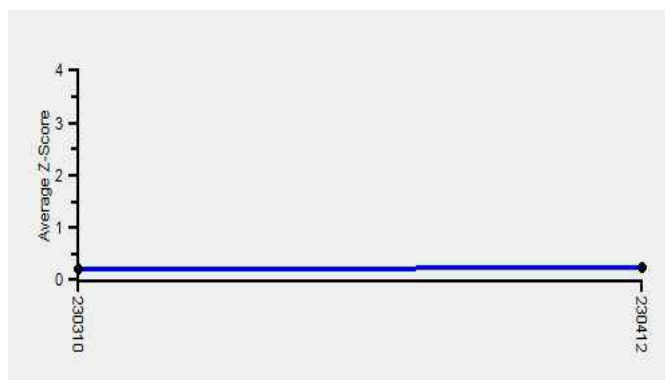
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	349	127.67	8.33	6.53	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>130.74</b>	<b>6.55</b>	<b>5.01</b>	<b>1</b>
	Erba EM 200	39	127.72	8.79	6.88	-
	Roche cobas c 311	38	129.29	4.69	3.63	1
	Fuji Dri-Chem NX500/i	30	124.99	7.61	6.09	-
	Roche cobas c 111	23	127.62	4.27	3.34	1
	Erba XL-200	16	128.88	9.56	7.42	-
	ERBA XL-640	14	125.46	10.67	8.50	-
	Roche cobas 6000	12	130.21	5.58	4.29	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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- All pass - Acceptable performance
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- One out of three pass - Unacceptable performance, Review for systematic error
- All failed - Unacceptable performance, Review for systematic error





Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Creatinine, mg/dl**

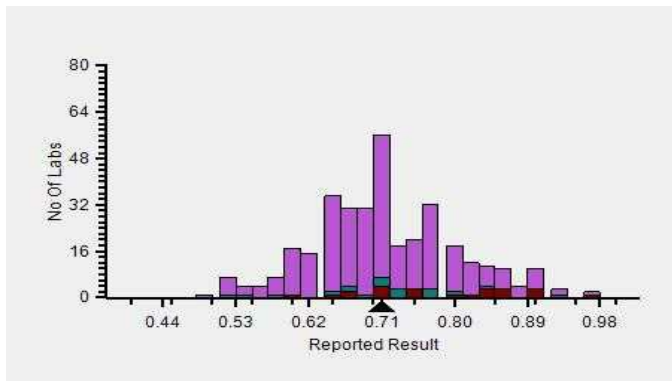
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	354	0.71	0.09	13.06	13
Jaffe - Alkaline picrate - (Your Method)	44	0.74	0.10	14.02	3
Diasys 200 Pro - (Your Analyzer)	24	0.79	0.11	13.44	--

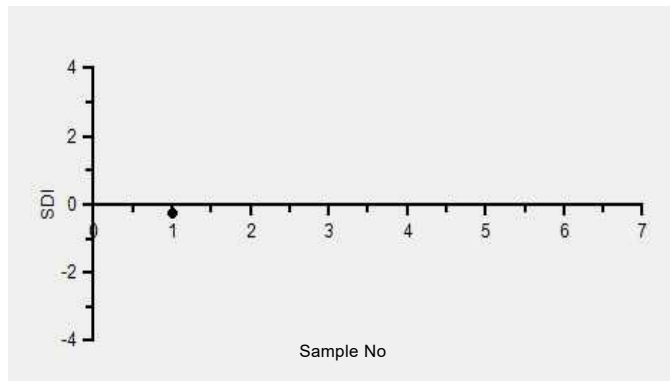
<b>Your Result</b>	0.71	<b>SDI / z-Score</b>	-0.24
<b>Assigned Value</b>	0.74	<b>Average SDI</b>	-0.09
<b>SDPA</b>	0.124	<b>Uncertainty of AV</b>	0.02
<b>Standard Unit Result Val</b>	0.71	<b>%DEV</b>	-10.01

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

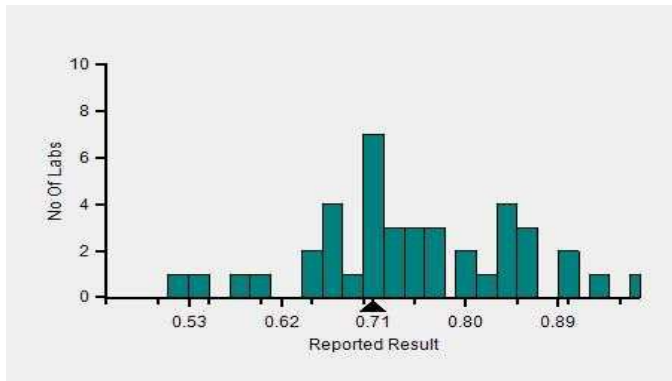
Frequency Histogram



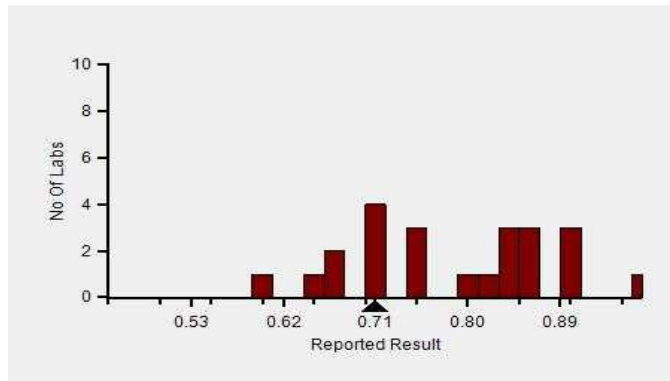
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

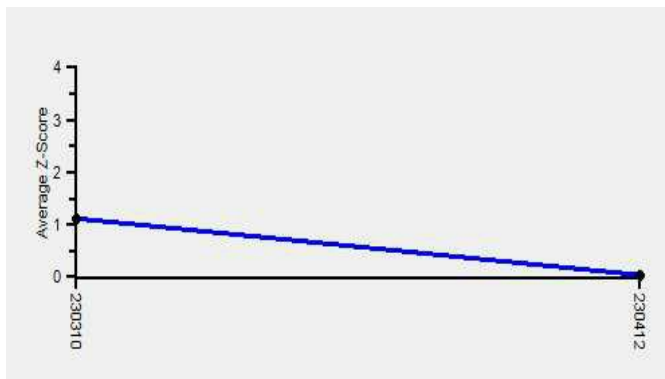
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	354	0.71	0.09	13.06	13
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>0.79</b>	<b>0.11</b>	<b>13.44</b>	-
	Erba EM 200	41	0.71	0.09	12.31	2
	Roche cobas c 311	38	0.67	0.05	7.89	-
	Fuji Dri-Chem NX500/i	28	0.78	0.06	7.59	1
	Roche cobas c 111	24	0.67	0.09	13.41	-
	Erba XL-200	15	0.71	0.07	9.34	-
	ERBA XL-640	13	0.68	0.06	8.81	1
	Roche cobas 6000	12	0.70	0.04	6.02	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, HDL, mg/dl**

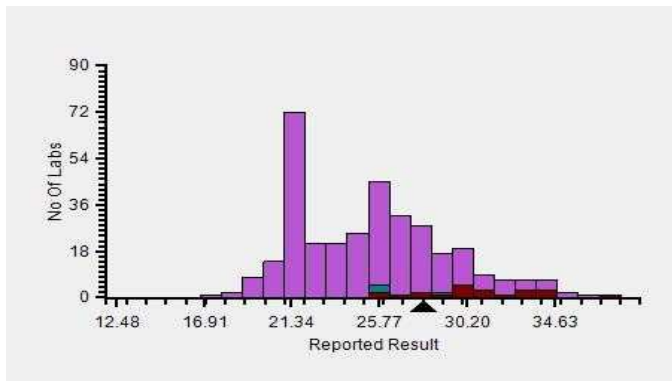
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	339	25.65	4.22	16.46	3
Direct measure, immunoinhibition - (Your Method)	26	30.89	4.48	14.49	--
Diasys 200 Pro - (Your Analyzer)	24	31.40	3.50	11.15	--

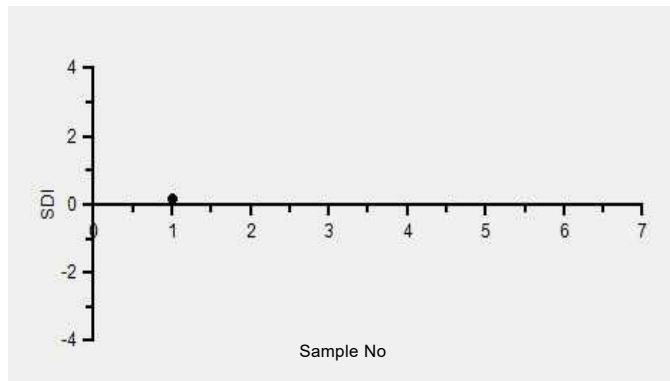
<b>Your Result</b>	28.00	<b>SDI / z-Score</b>	0.14
<b>Assigned Value</b>	27.21	<b>Average SDI</b>	0.14
<b>SDPA</b>	5.600	<b>Uncertainty of AV</b>	0.57
<b>Standard Unit Result Val</b>	28.00	<b>%DEV</b>	-10.82

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

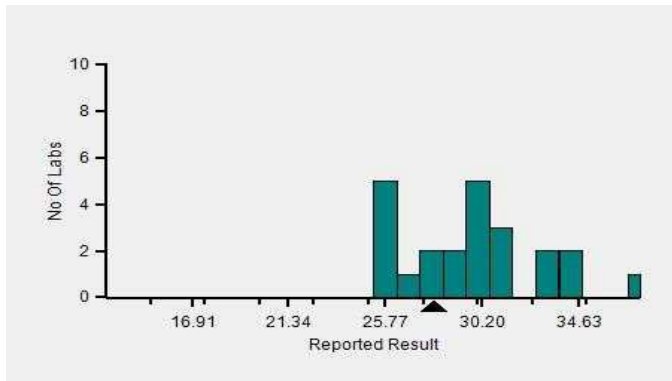
Frequency Histogram



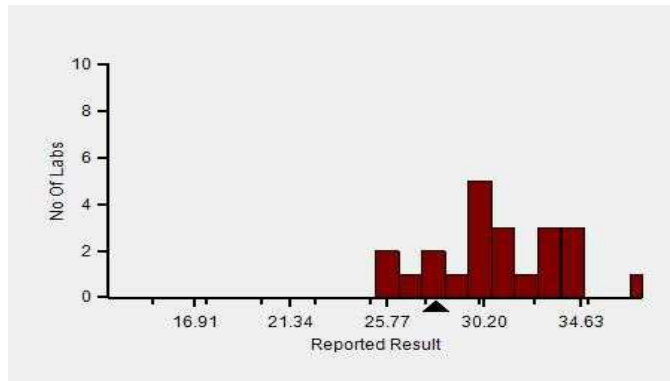
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

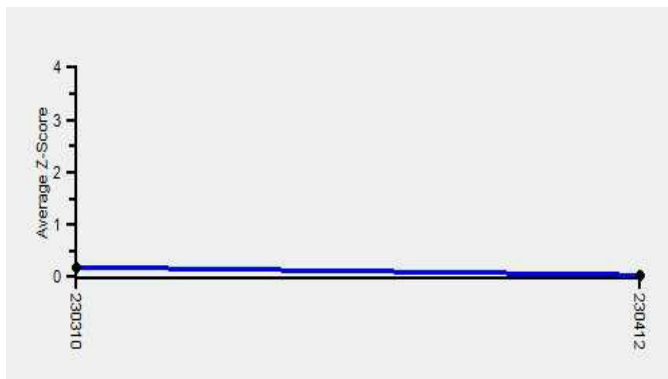
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	339	25.65	4.22	16.46	3
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>31.40</b>	<b>3.50</b>	<b>11.15</b>	-
	Roche cobas c 311	39	21.77	1.38	6.35	-
	Erba EM 200	38	26.65	2.15	8.08	-
	Fuji Dri-Chem NX500/i	30	26.52	1.90	7.15	-
	Roche cobas c 111	23	21.34	1.56	7.30	-
	Erba XL-200	17	26.92	2.77	10.28	-
	ERBA XL-640	14	27.11	3.96	14.60	-
	Roche cobas 6000	12	21.59	1.05	4.86	-

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.
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Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, LDL, mg/dl**

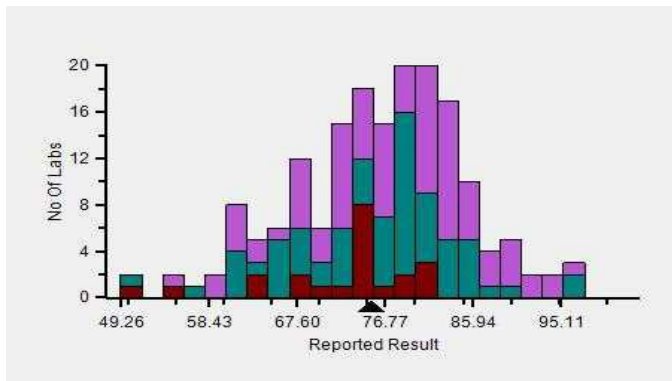
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	186	76.77	9.05	11.79	3
Direct measure - (Your Method)	92	75.31	9.12	12.11	2
Diasys 200 Pro - (Your Analyzer)	23	72.09	8.01	11.11	1

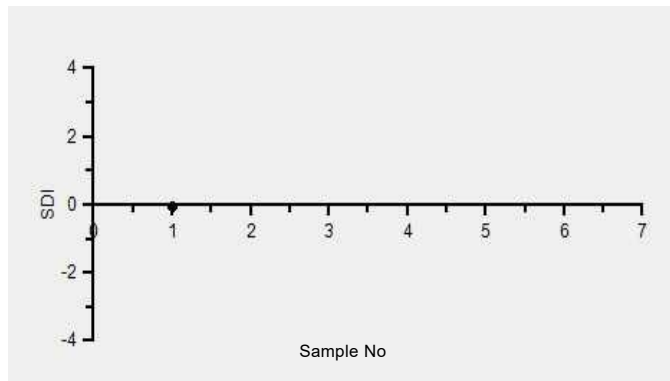
<b>Your Result</b>	75.46	<b>SDI / z-Score</b>	-0.09
<b>Assigned Value</b>	76.28	<b>Average SDI</b>	-0.06
<b>SDPA</b>	9.300	<b>Uncertainty of AV</b>	1.21
<b>Standard Unit Result Val</b>	75.46	<b>%DEV</b>	4.67

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

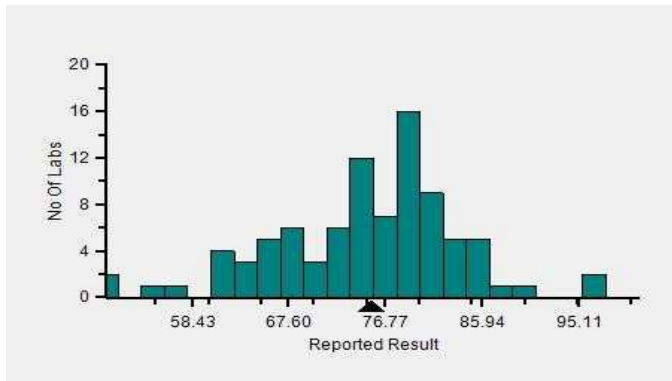
Frequency Histogram



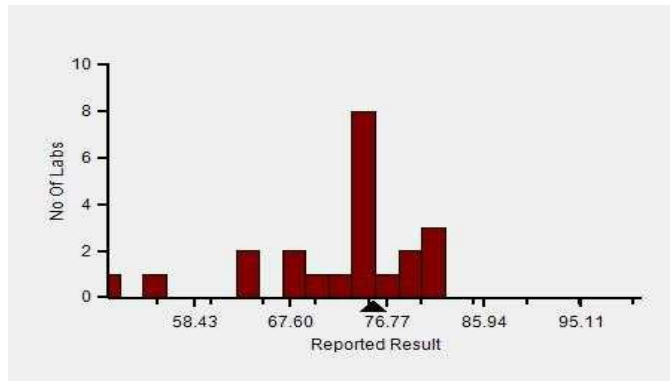
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

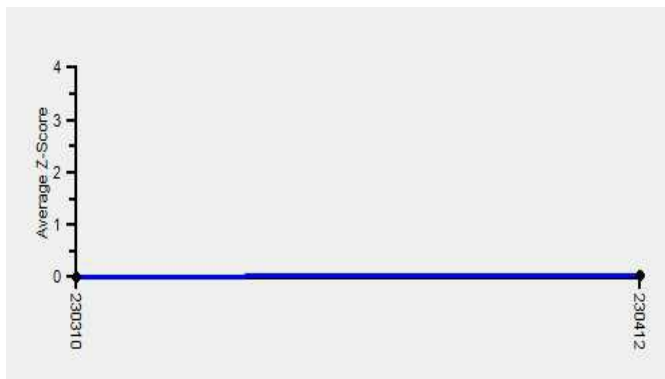
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	186	76.77	9.05	11.79	3
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>23</b>	<b>72.09</b>	<b>8.01</b>	<b>11.11</b>	<b>1</b>
	Roche cobas c 311	28	80.88	4.66	5.77	-
	Erba EM 200	17	78.72	10.05	12.77	-
	Roche cobas 6000	12	78.66	2.96	3.77	-
	ERBA XL-640	10	75.09	9.51	12.66	-
	Beckman Coulter DxC 700 AU	10	81.81	7.19	8.79	-
	Roche cobas INTEGRA	9	85.12	11.09	13.02	-
	Erba XL-200	7	72.96	4.20	5.75	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	323	3.83	0.18	4.77	4
ISE direct - (Your Method)	234	3.82	0.20	5.16	3
ACCULYTE-3P - (Your Analyzer)	19	3.69	0.16	4.36	--

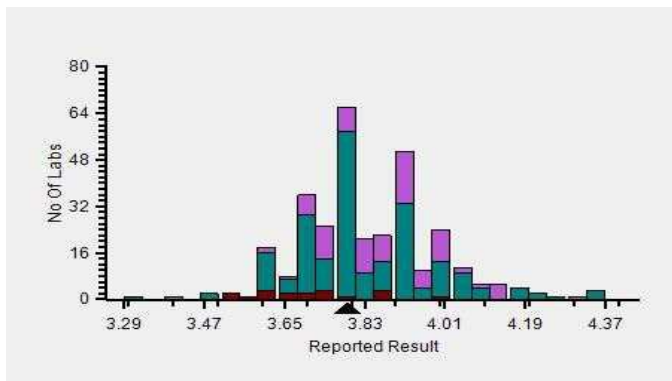
**Evaluation Based On - Method wise Peer Grouping**

Your Result	3.79	SDI / z-Score	-0.09
Assigned Value	3.82	Average SDI	0.19
SDPA	0.290	Uncertainty of AV	0.01
Standard Unit Result Val	3.79	%DEV	2.74

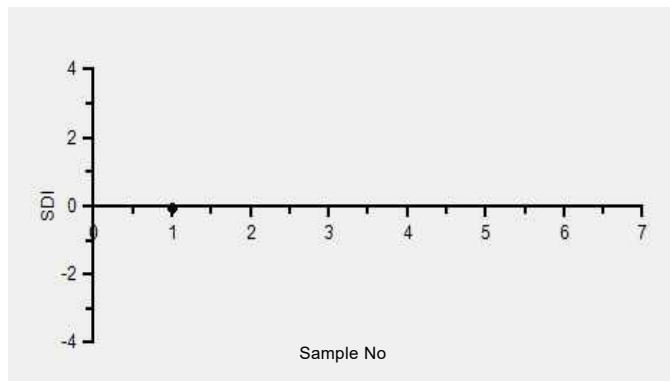
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

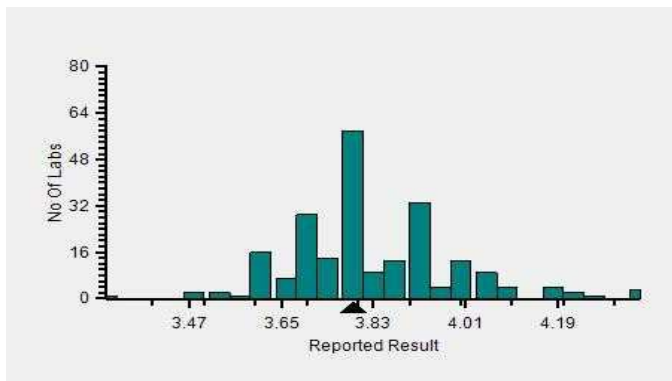
Frequency Histogram



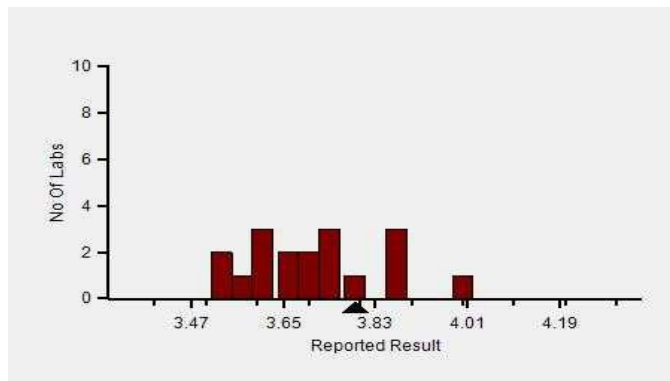
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

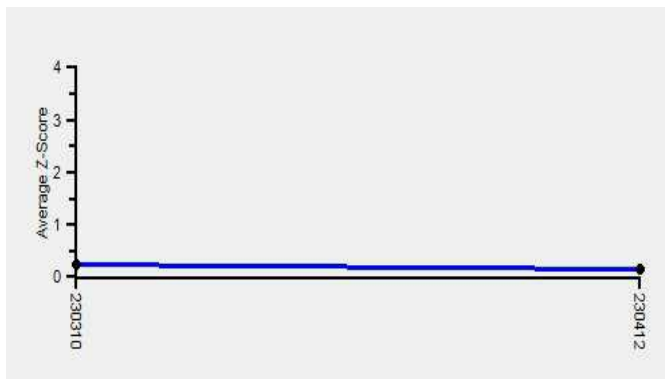
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	323	3.83	0.18	4.77	4
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>3.69</b>	<b>0.16</b>	<b>4.36</b>	-
	Fuji Dri-Chem NX500/i	36	3.78	0.08	2.12	-
	Fuji Dri-Chem NX500/i	35	3.78	0.08	1.98	-
	Roche cobas c 311	27	3.94	0.12	2.92	-
	Fuji Dri-Chem NX600	17	3.76	0.22	5.77	-
	Sensa Core ST200 Aqua	16	3.87	0.14	3.65	1
	Fuji Dri-Chem 4000i	15	3.79	0.11	2.91	1
	Roche AVL 9180	14	3.85	0.13	3.43	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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- One out of three pass - Unacceptable performance, Review for systematic error
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Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	322	110.71	5.10	4.60	6
ISE direct - (Your Method)	232	111.36	5.29	4.75	3
ACCULYTE-3P - (Your Analyzer)	20	106.81	5.52	5.16	--

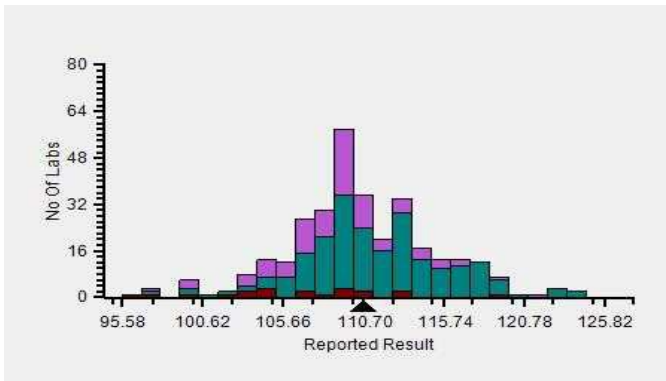
**Evaluation Based On - Method wise Peer Grouping**

Your Result	110.71	SDI / z-Score	-0.10
Assigned Value	111.40	Average SDI	0.08
SDPA	6.870	Uncertainty of AV	0.38
Standard Unit Result Val	110.71	%DEV	3.65

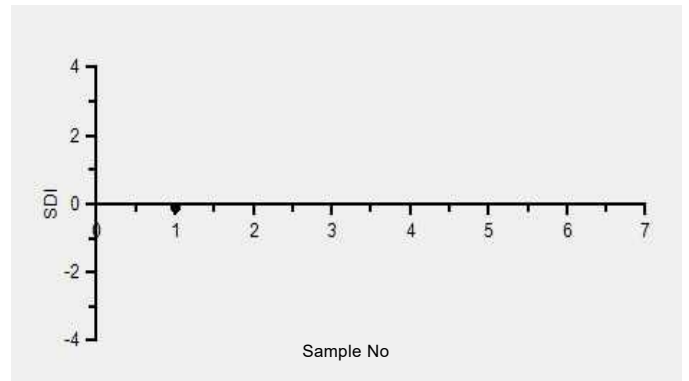
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

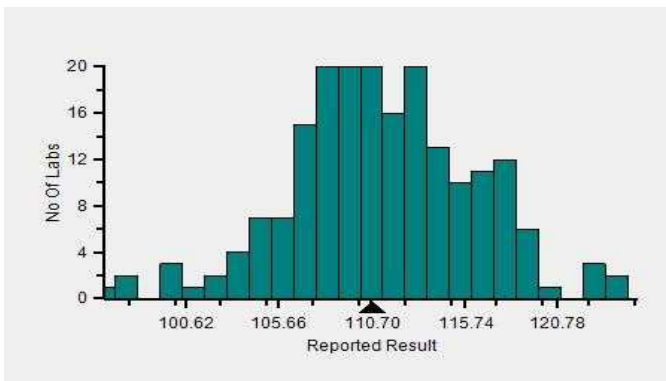
Frequency Histogram



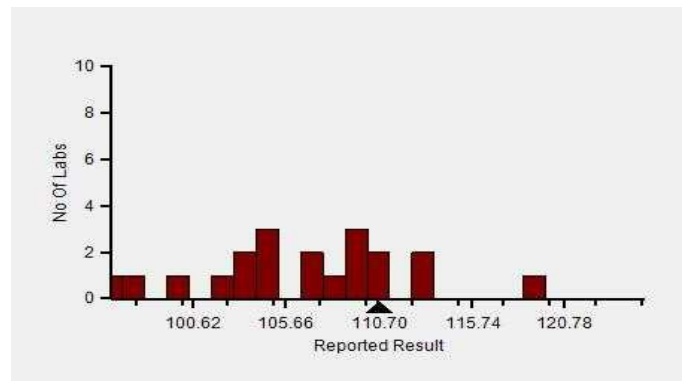
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

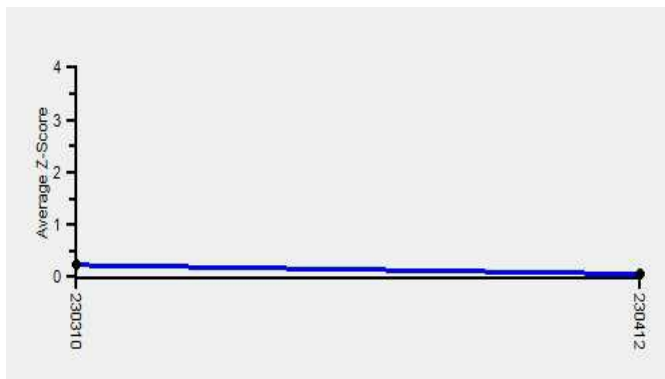
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	110.71	5.10	4.60	6
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>106.81</b>	<b>5.52</b>	<b>5.16</b>	-
	Fuji Dri-Chem NX500/i	37	112.00	1.78	1.59	-
	Fuji Dri-Chem NX500/i	36	112.08	1.73	1.54	-
	Roche cobas c 311	28	109.02	3.17	2.91	-
	Fuji Dri-Chem NX600	17	110.02	5.97	5.42	-
	Sensa Core ST200 Aqua	15	115.07	5.01	4.35	1
	Fuji Dri-Chem 4000i	14	111.50	4.82	4.32	-
	Roche AVL 9180	14	107.90	5.78	5.35	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 two pass - Review for random error & take action if appropriate
- Both failed - Unacceptable performance, Review for systematic error

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



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

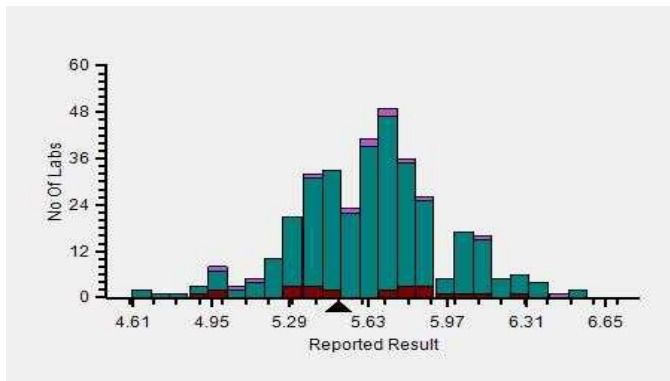
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	351	5.62	0.33	5.94	7
Biuret - (Your Method)	346	5.63	0.33	5.88	5
Diasys 200 Pro - (Your Analyzer)	24	5.55	0.43	7.80	--

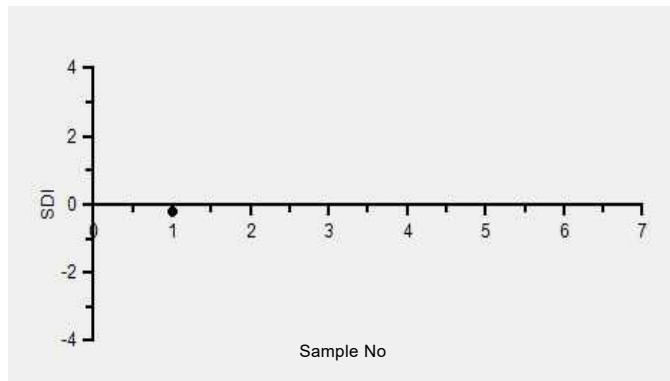
<b>Your Result</b>	5.50	<b>SDI / z-Score</b>	-0.23
<b>Assigned Value</b>	5.60	<b>Average SDI</b>	-0.08
<b>SDPA</b>	0.410	<b>Uncertainty of AV</b>	0.04
<b>Standard Unit Result Val</b>	5.50	<b>%DEV</b>	-0.94

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

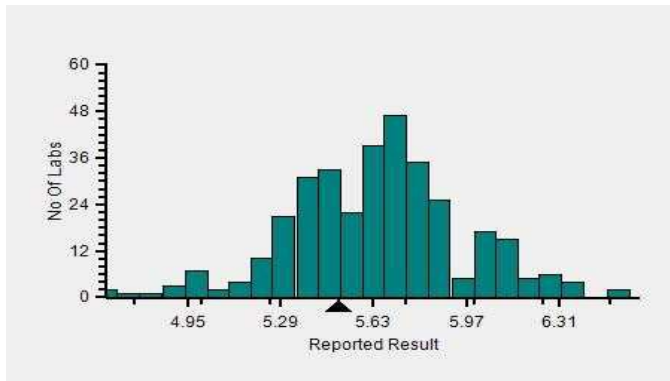
Frequency Histogram



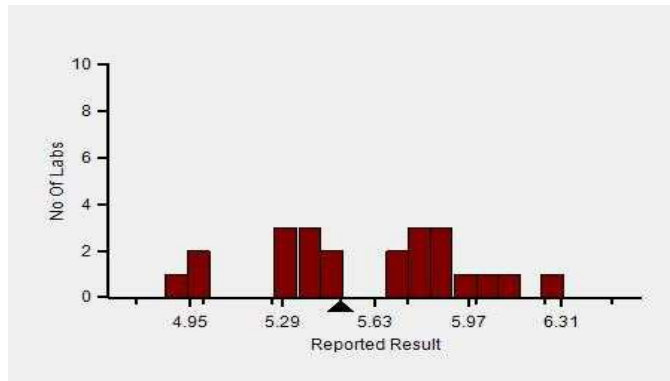
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

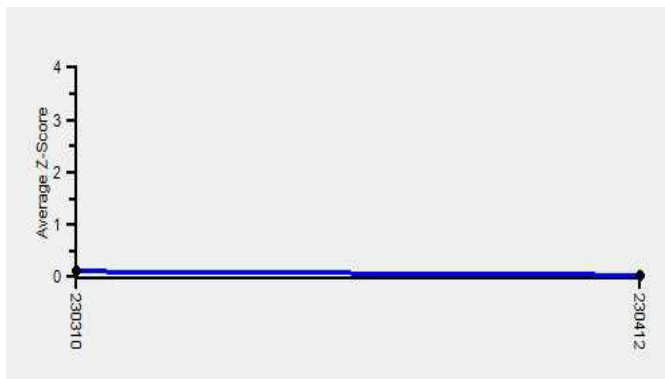
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	351	5.62	0.33	5.94	7
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>5.55</b>	<b>0.43</b>	<b>7.80</b>	-
	Erba EM 200	41	5.61	0.33	5.83	1
	Roche cobas c 311	38	5.68	0.14	2.48	-
	Fuji Dri-Chem NX500/i	30	5.86	0.28	4.73	-
	Roche cobas c 111	24	5.49	0.40	7.34	1
	Erba XL-200	16	5.63	0.25	4.41	-
	ERBA XL-640	14	5.58	0.30	5.38	-
	Roche cobas INTEGRA	12	5.42	0.17	3.21	-

Remarks: Interpretation of your reports

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

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- Both failed - Unacceptable performance, Review for systematic error

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



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Triglycerides, mg/dl**

**Comparative Statistics**

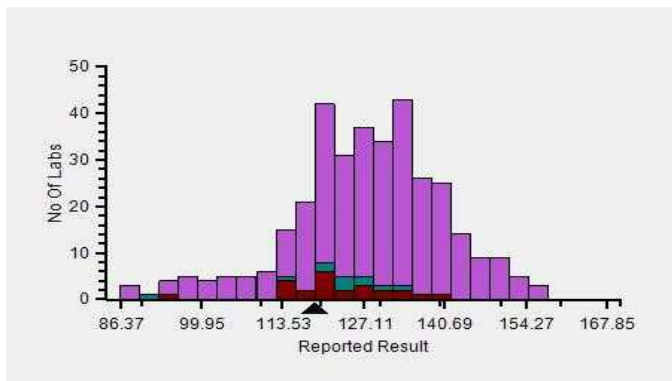
	N	Mean	SD	CV%	Excluded
All Methods	346	126.98	13.55	10.67	6
Colorimetric enzymatic - GPO - (Your Method)	35	122.05	10.03	8.22	--
Diasys 200 Pro - (Your Analyzer)	24	122.35	9.83	8.03	--

Evaluation Based On - Equipment wise Peer Grouping			
Your Result	119.00	SDI / z-Score	-0.29
Assigned Value	123.31	Average SDI	-0.42
SDPA	14.980	Uncertainty of AV	1.75
Standard Unit Result Val	119.00	%DEV	-2.74

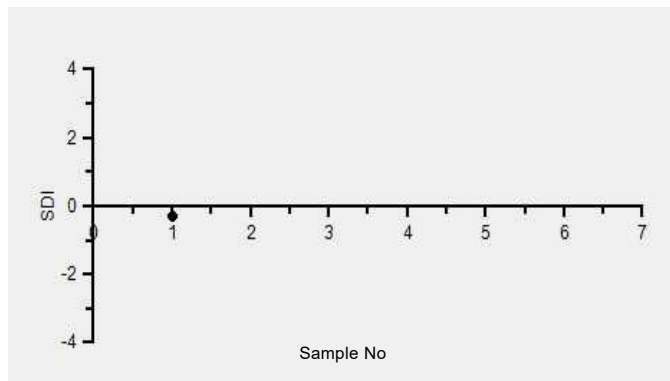
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

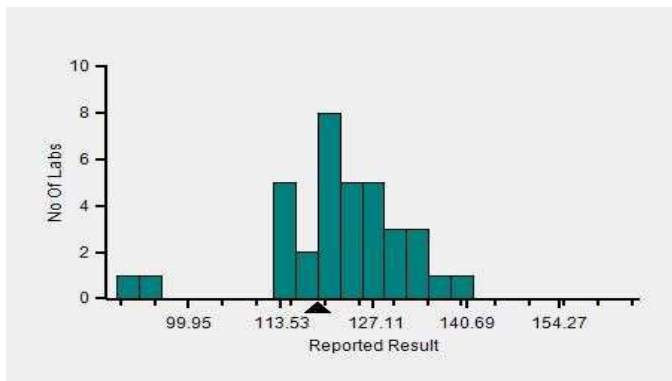
Frequency Histogram



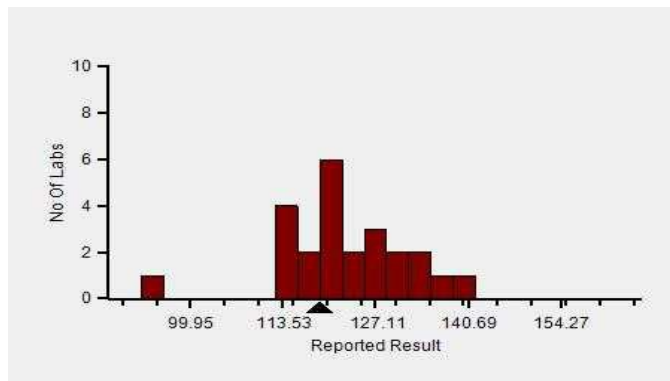
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

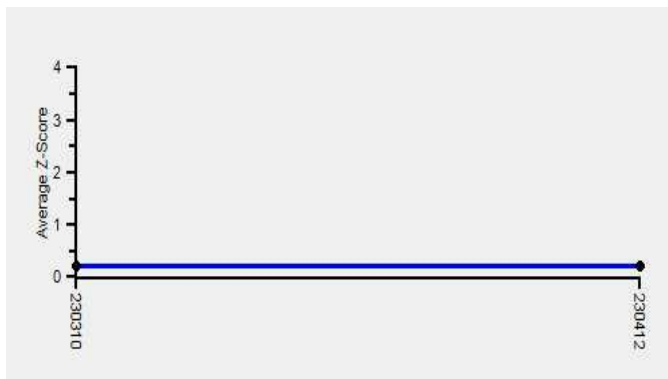
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	346	126.98	13.55	10.67	6
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>122.35</b>	<b>9.83</b>	<b>8.03</b>	-
	Erba EM 200	38	124.11	11.37	9.16	-
	Roche cobas c 311	38	129.10	8.86	6.87	1
	Fuji Dri-Chem NX500/i	29	141.22	7.75	5.49	-
	Roche cobas c 111	23	127.86	11.86	9.28	-
	Erba XL-200	18	112.76	16.26	14.42	-
	ERBA XL-640	14	124.84	10.99	8.81	-
	Roche cobas 6000	12	128.76	9.71	7.54	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Urea, mg/dl**

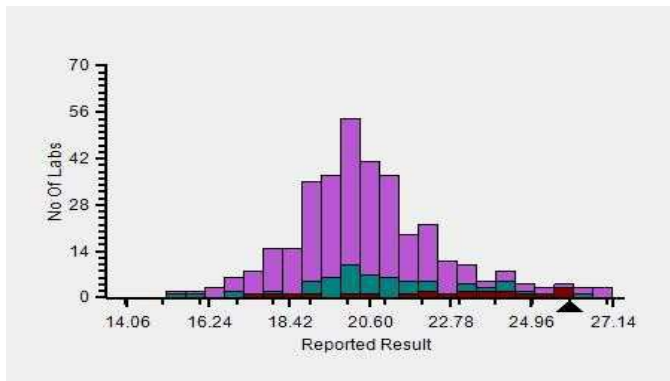
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	355	20.57	2.17	10.57	15
Urease, UV - (Your Method)	80	21.41	2.68	12.53	6
Diasys 200 Pro - (Your Analyzer)	24	23.05	3.18	13.81	1

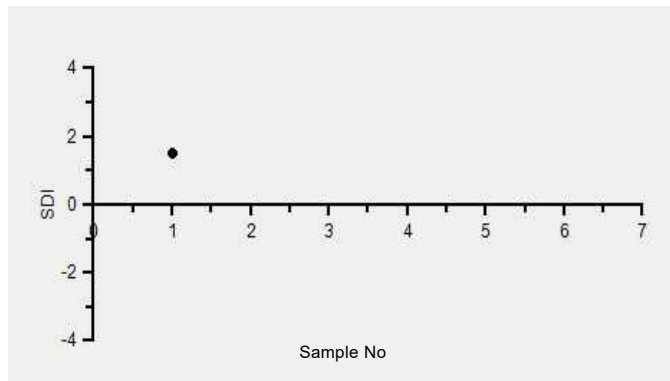
<b>Your Result</b>	26.00	<b>SDI / z-Score</b>	1.52
<b>Assigned Value</b>	21.89	<b>Average SDI</b>	1.69
<b>SDPA</b>	2.715	<b>Uncertainty of AV</b>	0.44
<b>Standard Unit Result Val</b>	26.00	<b>%DEV</b>	12.81

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

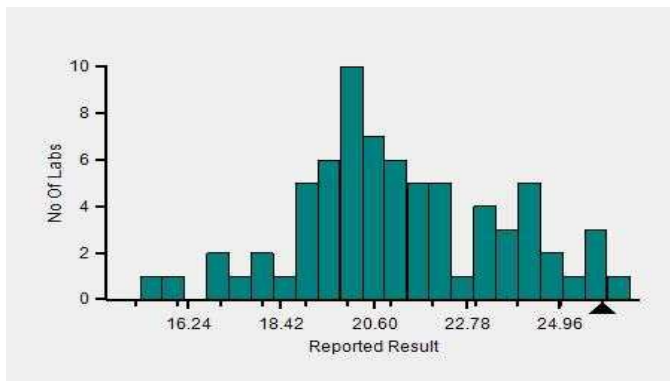
Frequency Histogram



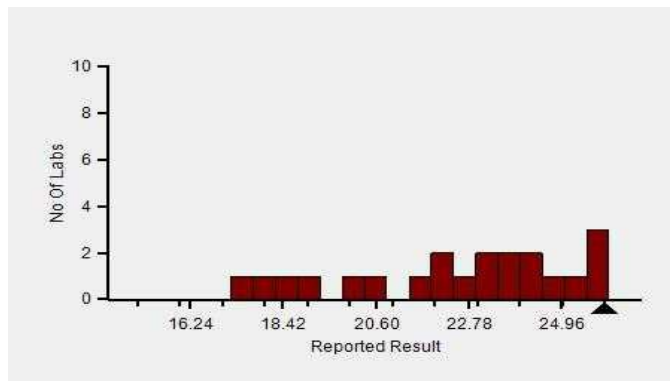
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

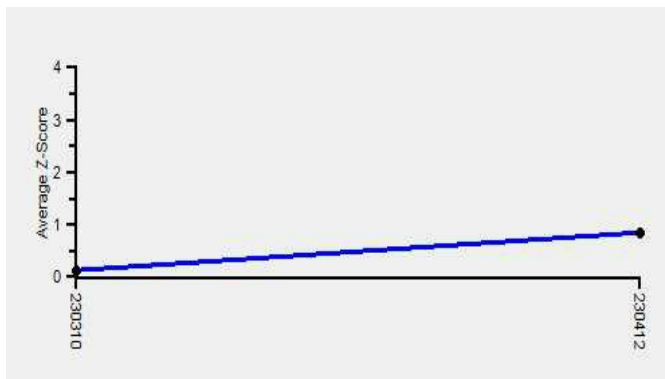
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	355	20.57	2.17	10.57	15
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>23.05</b>	<b>3.18</b>	<b>13.81</b>	<b>1</b>
	Erba EM 200	41	20.56	2.24	10.90	1
	Roche cobas c 311	38	20.23	0.94	4.64	1
	Fuji Dri-Chem NX500/i	29	20.44	0.77	3.74	1
	Roche cobas c 111	24	19.50	1.06	5.41	-
	Erba XL-200	18	21.66	2.41	11.10	1
	ERBA XL-640	14	20.73	2.12	10.23	-
	Roche cobas 6000	12	19.86	0.94	4.74	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	348	3.85	0.34	8.91	9
Uricase - (Your Method)	80	3.82	0.39	10.17	1
Diasys 200 Pro - (Your Analyzer)	24	3.62	0.42	11.46	--

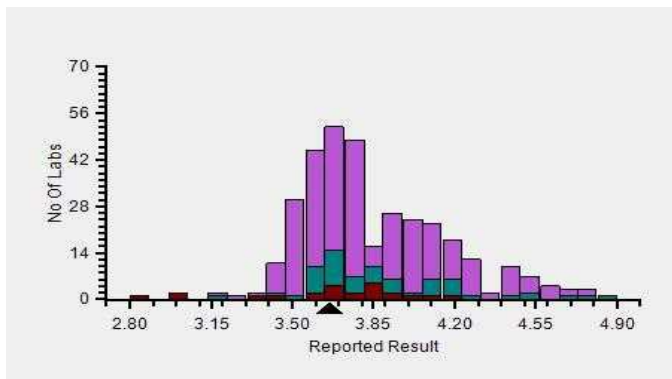
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	3.66	SDI / z-Score	-0.43
Assigned Value	3.86	Average SDI	-0.60
SDPA	0.460	Uncertainty of AV	0.05
Standard Unit Result Val	3.66	%DEV	1.10

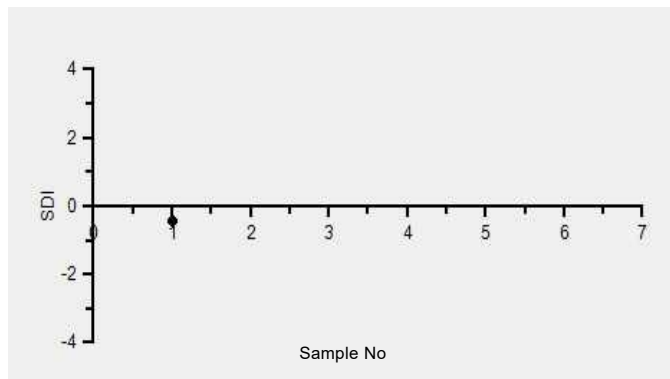
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

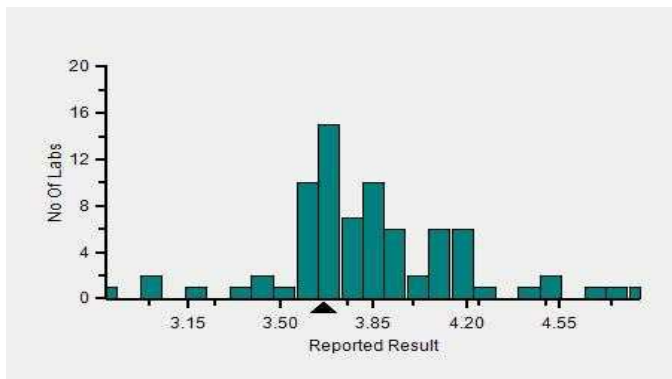
Frequency Histogram



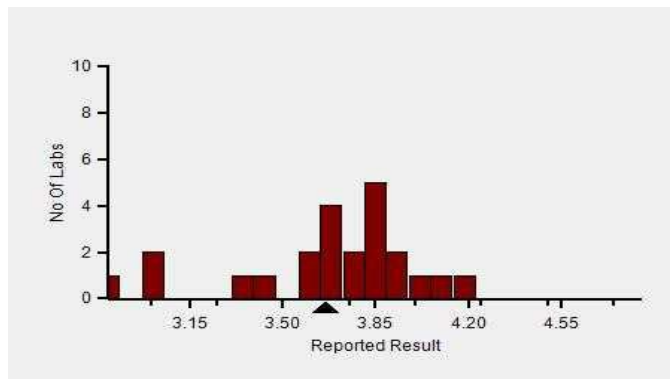
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

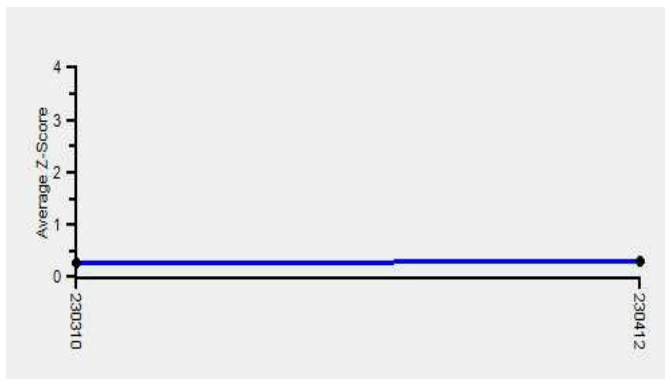
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 01

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	348	3.85	0.34	8.91	9
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>3.62</b>	<b>0.42</b>	<b>11.46</b>	-
	Erba EM 200	39	4.04	0.35	8.68	1
	Roche cobas c 311	37	3.62	0.11	3.06	1
	Fuji Dri-Chem NX500/i	28	4.14	0.29	6.90	-
	Roche cobas c 111	24	3.64	0.21	5.63	-
	Erba XL-200	17	4.06	0.38	9.28	-
	ERBA XL-640	14	4.04	0.52	12.94	-
	Roche cobas 6000	12	3.58	0.12	3.32	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error

*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



# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, TARNTARAN (1042)

## Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 01

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! AST	Diasys 200 Pro	9.60	U/L	-2.3
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
@ Urea	mg/dl	26.00	23.05	1.52	0.95
@ Creatinine	mg/dl	0.71	0.79	-0.24	-0.10
# Bilirubin Total	mg/dl	0.16	0.43		0.42
@ Total Protein	g/dL	5.50	5.55	-0.23	-0.13
@ Albumin	g/dL	3.70	3.62	1.16	-4.64
@ Uric Acid	mg/dl	3.66	3.62	-0.43	-0.40
@ Calcium	mg/dl	6.50	6.84	-0.61	-0.26
@ Cholesterol	mg/dl	135.00	130.74	0.58	-0.07
@ Triglycerides	mg/dl	119.00	122.35	-0.29	-0.36
@ HDL	mg/dl	28.00	31.40	0.14	-0.11
@ LDL	mg/dl	75.46	72.09	-0.09	-0.02
@ ALT	U/L	8.70	11.71	-1.25	-0.44
! AST	U/L	9.60	16.30	-2.30	-0.95
@ ALP	U/L	41.91	42.48	-0.36	-1.01

Instrument : ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	86.91	83.97	0.84	-0.14
@ Sodium	mmol/L	110.71	106.81	-0.10	0.15
@ Potassium	mmol/L	3.79	3.69	-0.09	0.22

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

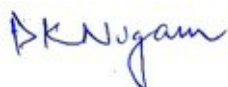
X : z score ≥ 3 - Unacceptable

# : Not Evaluated

Ⓞ : Delayed Result Entry

\* : Not considered for evaluation.

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



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

Unit No. 409-416.

Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Albumin, g/dL**

**Comparative Statistics**

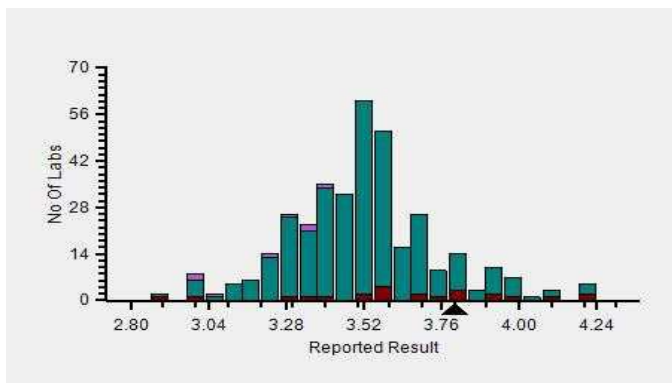
	N	Mean	SD	CV%	Excluded
All Methods	354	3.52	0.23	6.65	3
Bromcresol Green (BCG) - (Your Method)	354	3.53	0.23	6.47	3
Diasys 200 Pro - (Your Analyzer)	24	3.66	0.34	9.15	1

<b>Your Result</b>	3.80	<b>SDI / z-Score</b>	1.10
<b>Assigned Value</b>	3.45	<b>Average SDI</b>	1.13
<b>SDPA</b>	0.320	<b>Uncertainty of AV</b>	0.03
<b>Standard Unit Result Val</b>	3.80	<b>%DEV</b>	3.83

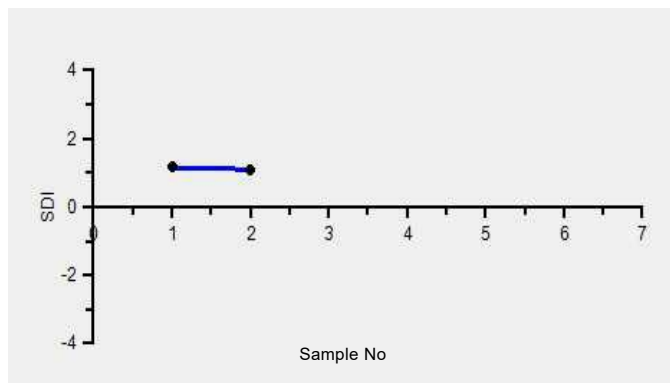
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

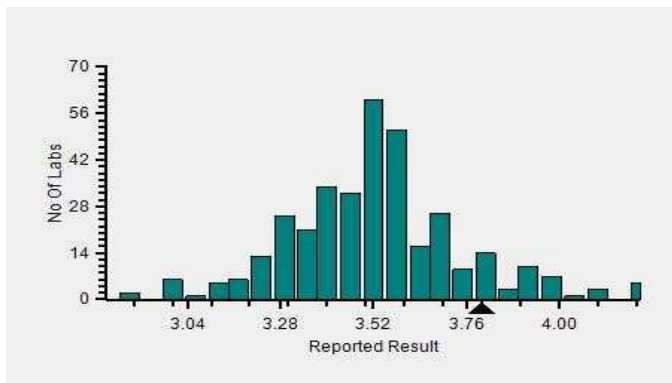
Frequency Histogram



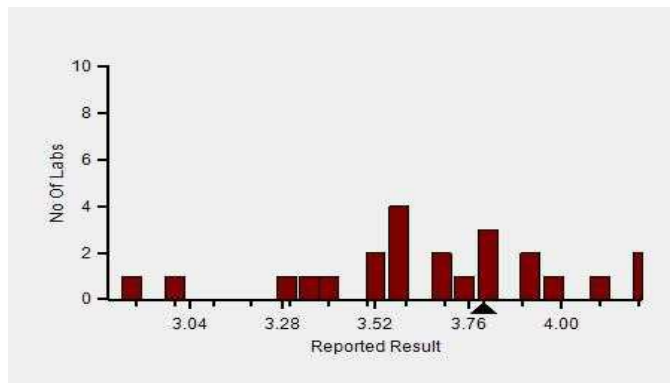
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

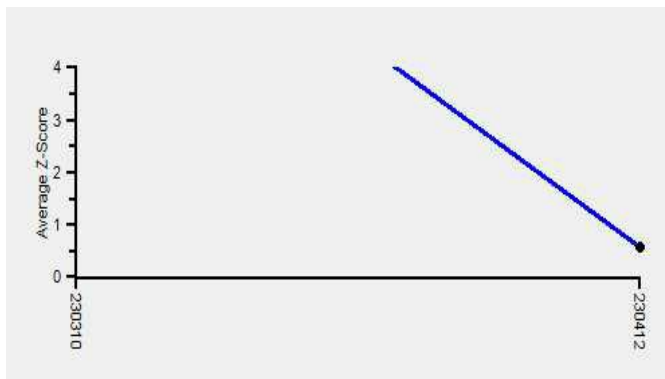
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Albumin		N	Mean	SD	CV%	Excluded
	All Analyzer	354	3.52	0.23	6.65	3
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>3.66</b>	<b>0.34</b>	<b>9.15</b>	<b>1</b>
	Erba EM 200	41	3.53	0.15	4.11	-
	Roche cobas c 311	38	3.50	0.16	4.42	-
	Fuji Dri-Chem NX500/i	31	3.67	0.31	8.45	-
	Roche cobas c 111	24	3.50	0.15	4.29	-
	Erba XL-200	17	3.64	0.19	5.14	-
	ERBA XL-640	12	3.62	0.15	4.20	-
	Roche cobas 6000	12	3.40	0.15	4.36	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, ALP, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	350	45.02	8.96	19.91	8
IFCC - (Your Method)	78	42.86	6.18	14.41	4
Diasys 200 Pro - (Your Analyzer)	24	41.55	8.61	20.72	--

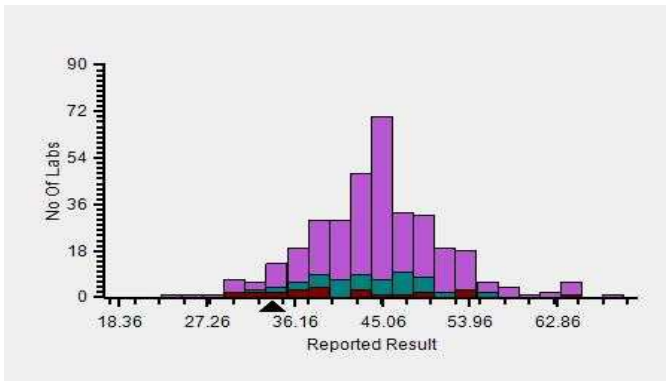
**Evaluation Based On - Method wise Peer Grouping**

Your Result	33.97	SDI / z-Score	-1.20
Assigned Value	44.07	Average SDI	-0.78
SDPA	8.400	Uncertainty of AV	0.41
Standard Unit Result Val	33.97	%DEV	-18.24

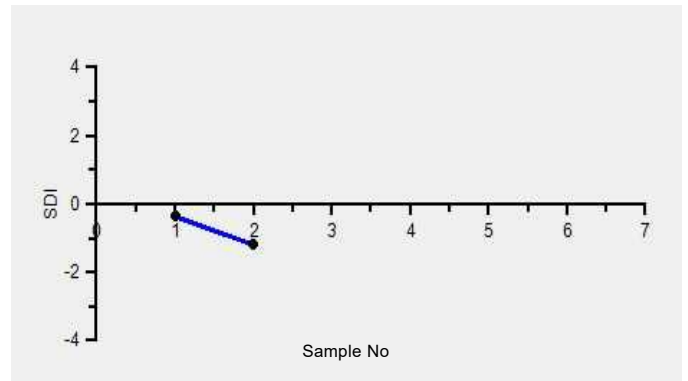
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

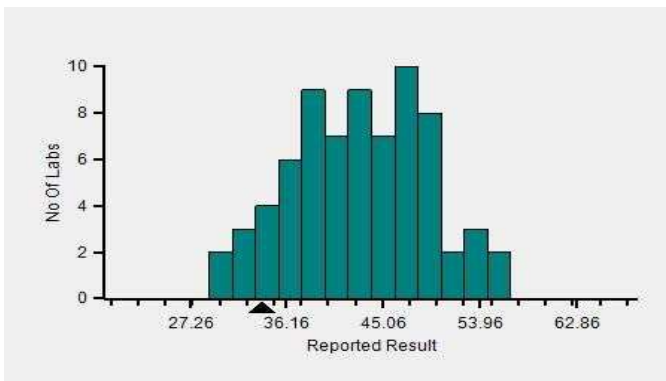
Frequency Histogram



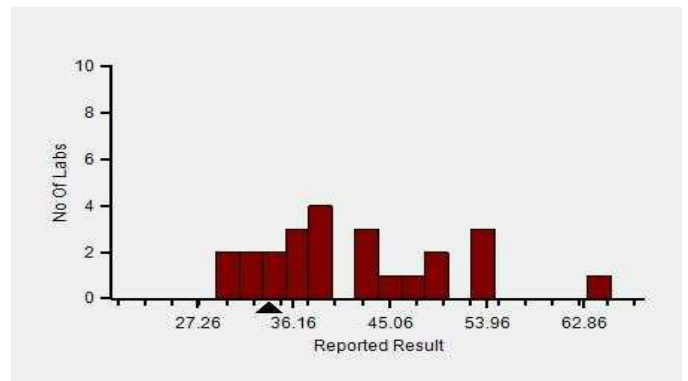
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

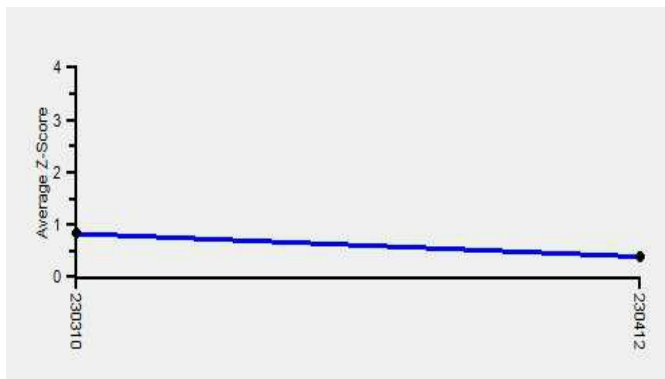
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALP		N	Mean	SD	CV%	Excluded
	All Analyzer	350	45.02	8.96	19.91	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>41.55</b>	<b>8.61</b>	<b>20.72</b>	-
	Erba EM 200	40	43.38	5.91	13.63	2
	Roche cobas c 311	37	47.34	4.05	8.56	-
	Fuji Dri-Chem NX500/i	32	45.34	8.26	18.22	-
	Fuji Dri-Chem NX500/i	31	45.23	8.37	18.51	-
	Roche cobas c 111	23	46.43	6.50	14.00	-
	Erba XL-200	16	47.81	7.49	15.67	-
	ERBA XL-640	13	41.46	7.41	17.88	-

Remarks: Interpretation of your reports

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

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- a) Reported on 2 samples:
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error





Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

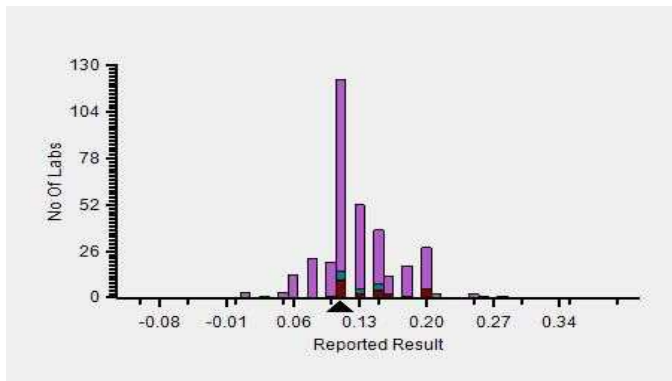
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	346	0.13	0.07	53.91	15
DCA - (Your Method)	38	0.13	0.04	26.32	1
Diasys 200 Pro - (Your Analyzer)	24	0.14	0.04	28.06	--

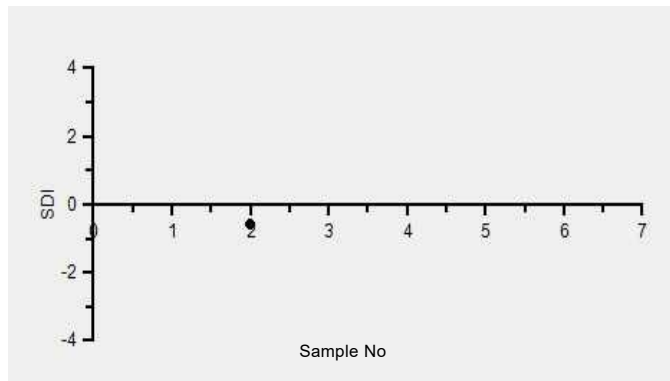
<b>Your Result</b>	0.11	<b>SDI / z-Score</b>	-0.56
<b>Assigned Value</b>	0.13	<b>Average SDI</b>	-0.56
<b>SDPA</b>	0.039	<b>Uncertainty of AV</b>	0.01
<b>Standard Unit Result Val</b>	0.11	<b>%DEV</b>	-20.86

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

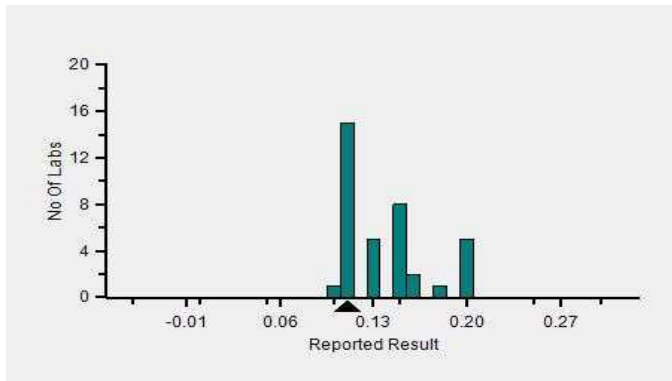
Frequency Histogram



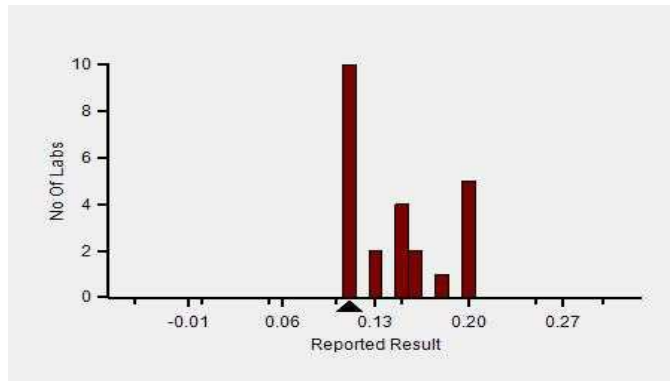
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

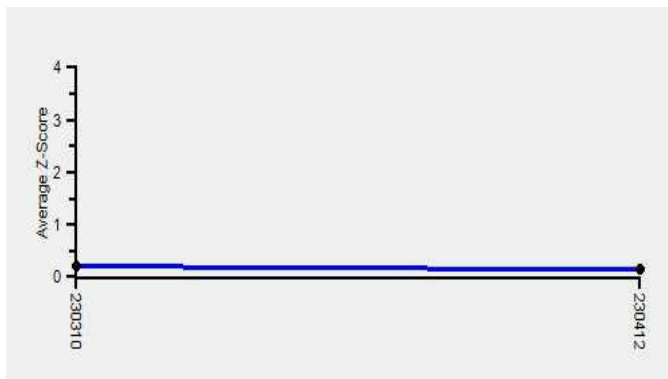
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Direct		N	Mean	SD	CV%	Excluded
	All Analyzer	346	0.13	0.07	53.49	15
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>0.14</b>	<b>0.04</b>	<b>28.06</b>	-
	Erba EM 200	38	0.13	0.05	36.84	1
	Roche cobas c 311	38	0.12	0.04	33.33	2
	Fuji Dri-Chem NX500/i	33	0.11	0.03	23.85	1
	Roche cobas c 111	22	0.14	0.03	22.96	-
	ERBA XL-640	12	0.11	0.03	28.07	-
	Roche cobas 6000	12	0.15	0.03	20.27	-
	Fuji Dri-Chem NX600	12	0.10	0.00	0.00	-

Remarks: Interpretation of your reports

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

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

- a) Reported on 2 samples:
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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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

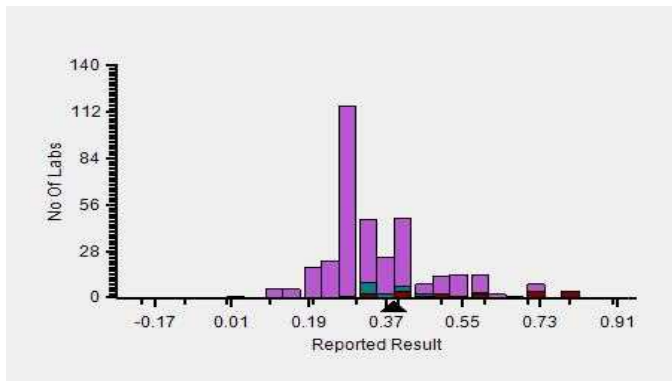
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	354	0.37	0.18	47.31	5
DCA - (Your Method)	41	0.55	0.24	43.85	1
Diasys 200 Pro - (Your Analyzer)	24	0.62	0.23	37.56	--

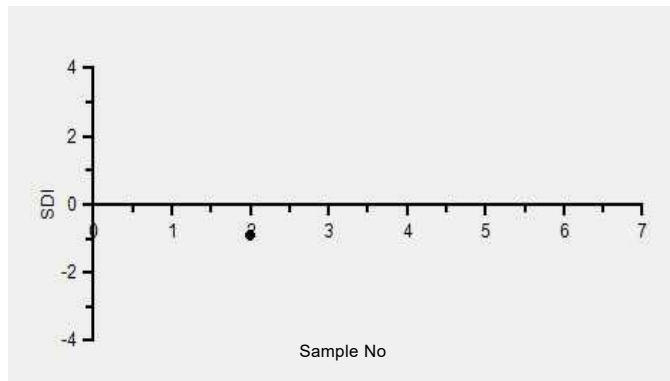
<b>Your Result</b>	0.39	<b>SDI / z-Score</b>	-0.91
<b>Assigned Value</b>	0.58	<b>Average SDI</b>	-0.91
<b>SDPA</b>	0.211	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	0.39	<b>%DEV</b>	-36.59

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

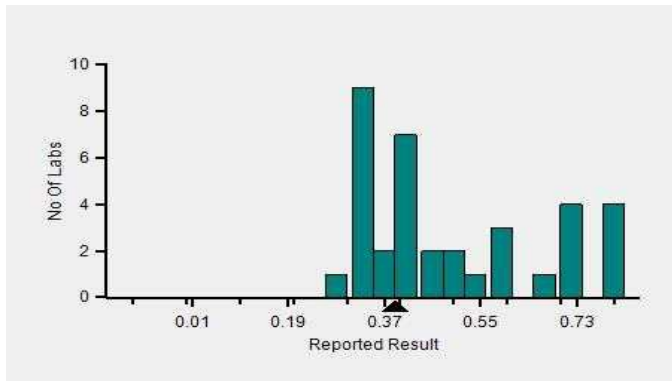
Frequency Histogram



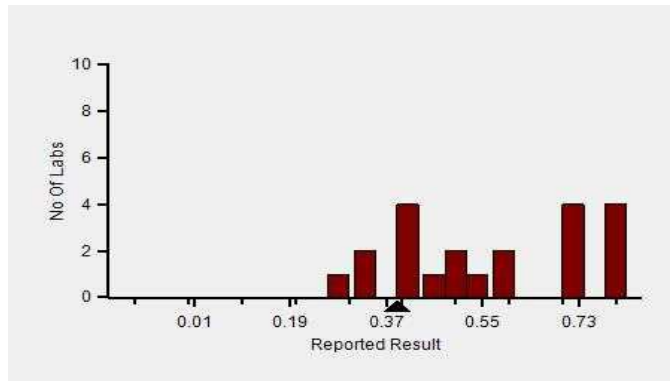
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

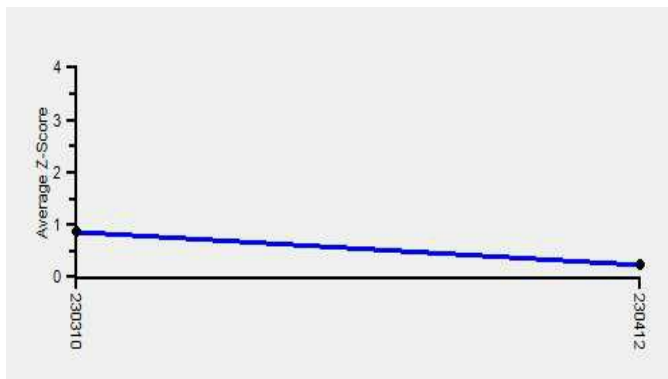
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Bilirubin Total		N	Mean	SD	CV%	Excluded
	All Analyzer	354	0.37	0.18	47.19	5
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>0.62</b>	<b>0.23</b>	<b>37.56</b>	-
	Erba EM 200	39	0.33	0.07	21.56	-
	Roche cobas c 311	38	0.27	0.05	18.25	-
	Fuji Dri-Chem NX500/i	30	0.35	0.07	21.26	-
	Roche cobas c 111	23	0.27	0.06	21.56	-
	Erba XL-200	17	0.28	0.07	23.49	2
	ERBA XL-640	13	0.31	0.03	9.00	-
	Roche cobas 6000	12	0.28	0.03	9.39	-

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:

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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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Calcium, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	322	6.25	0.63	10.15	8
Arsenazo III - (Your Method)	160	6.45	0.59	9.08	4
Diasys 200 Pro - (Your Analyzer)	24	6.18	0.47	7.66	2

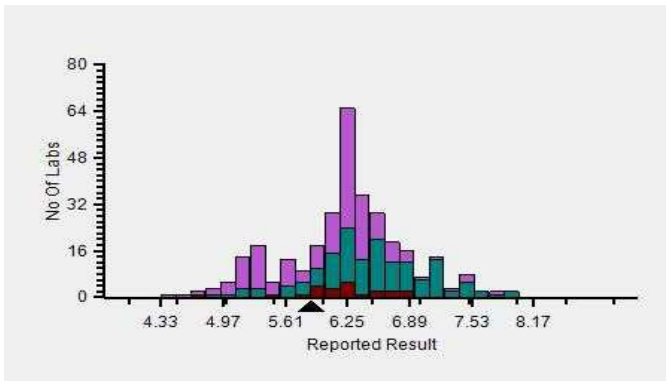
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	5.88	SDI / z-Score	-0.87
Assigned Value	6.38	Average SDI	-0.74
SDPA	0.570	Uncertainty of AV	0.05
Standard Unit Result Val	5.88	%DEV	-4.81

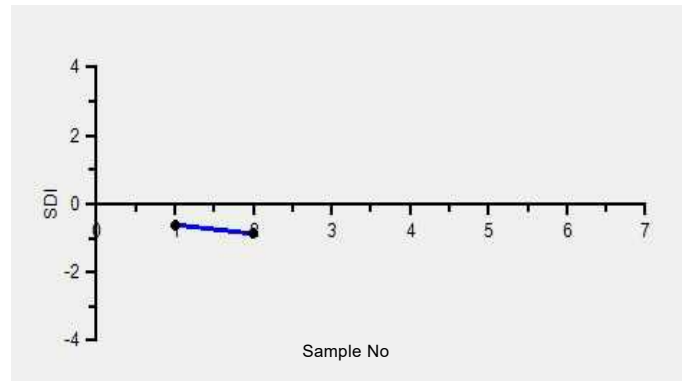
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

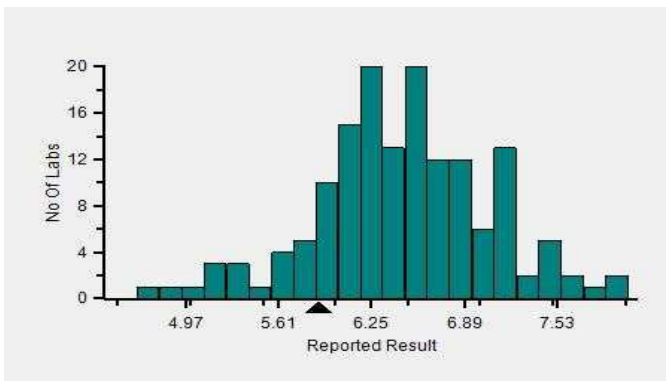
Frequency Histogram



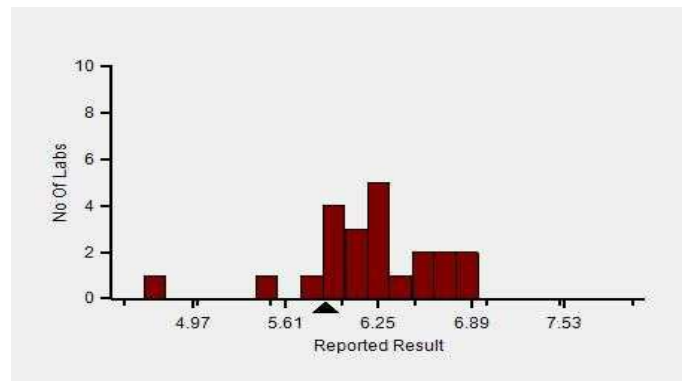
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

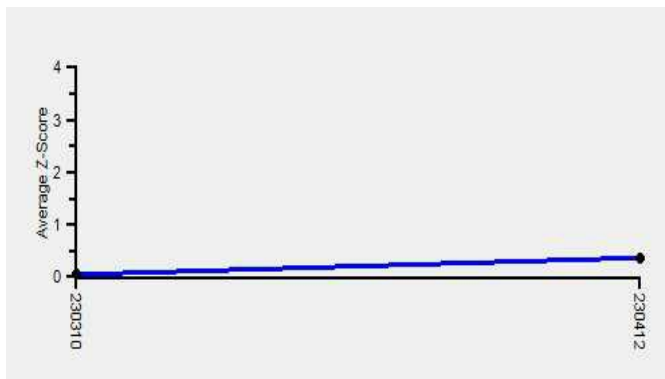
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Calcium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	6.25	0.63	10.15	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>6.18</b>	<b>0.47</b>	<b>7.66</b>	<b>2</b>
	Roche cobas c 311	38	6.32	0.32	5.02	-
	Erba EM 200	36	6.57	0.66	10.08	2
	Fuji Dri-Chem NX500/i	27	5.27	0.35	6.69	-
	Roche cobas c 111	19	6.23	0.31	4.97	-
	Erba XL-200	13	6.50	0.80	12.38	-
	Fuji Dri-Chem NX600	13	5.37	0.55	10.15	-
	ERBA XL-640	12	6.76	0.58	8.57	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Chloride, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	310	84.31	5.14	6.09	4
ISE direct - (Your Method)	217	85.55	4.79	5.60	2
ACCULYTE-3P - (Your Analyzer)	20	87.53	4.71	5.38	--

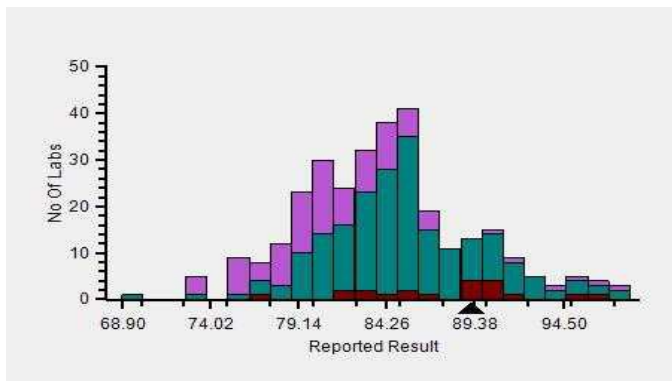
**Evaluation Based On - Method wise Peer Grouping**

Your Result	89.20	SDI / z-Score	0.67
Assigned Value	85.42	Average SDI	0.60
SDPA	5.640	Uncertainty of AV	0.36
Standard Unit Result Val	89.20	%DEV	1.91

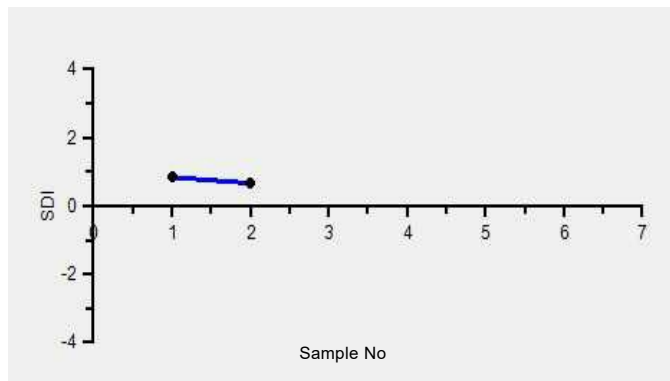
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

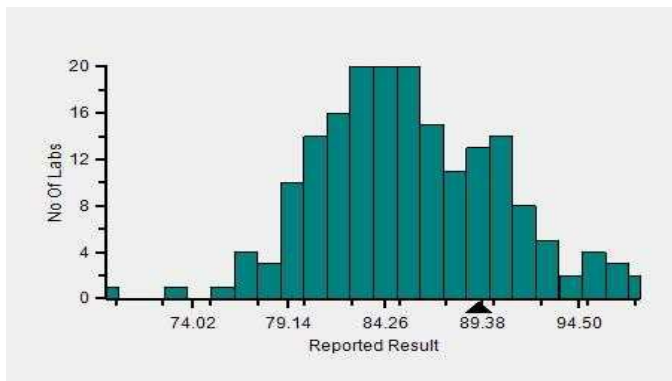
Frequency Histogram



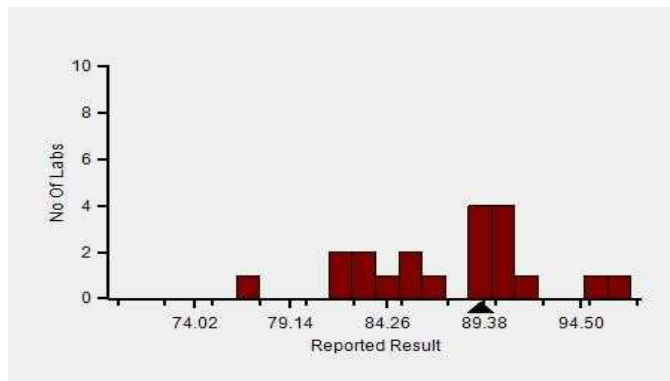
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

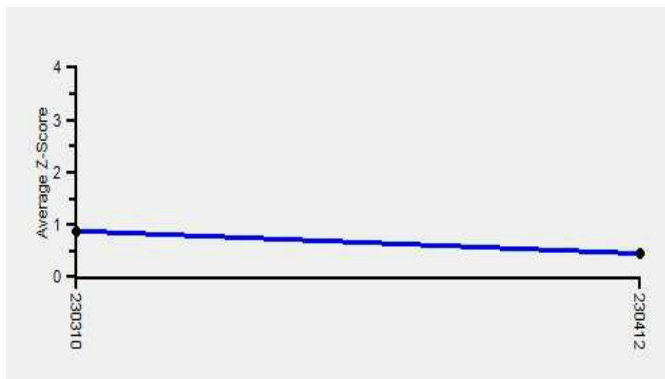
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	310	84.31	5.14	6.09	4
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>87.53</b>	<b>4.71</b>	<b>5.38</b>	-
	Fuji Dri-Chem NX500/i	32	84.09	2.61	3.10	-
	Roche cobas c 311	28	79.48	2.16	2.71	-
	Fuji Dri-Chem NX600	18	83.61	4.84	5.79	-
	Sensa Core ST200 Aqua	15	89.20	4.73	5.30	-
	Fuji Dri-Chem 4000i	13	83.63	2.46	2.95	-
	Roche AVL 9180	12	82.40	5.65	6.85	-
	EasyLyte	12	84.33	2.47	2.93	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error





Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Cholesterol, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	349	127.58	9.98	7.82	8
CHOD-PAP - (Your Method)	116	125.96	9.60	7.62	6
Diasys 200 Pro - (Your Analyzer)	24	126.61	7.13	5.63	1

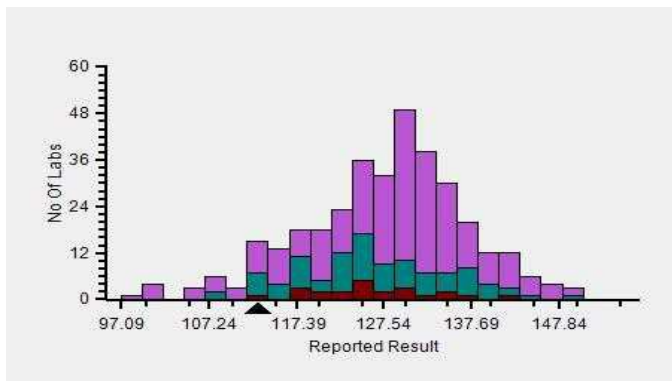
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	113.00	SDI / z-Score	-1.51
Assigned Value	129.44	Average SDI	-0.47
SDPA	10.870	Uncertainty of AV	1.31
Standard Unit Result Val	113.00	%DEV	-10.75

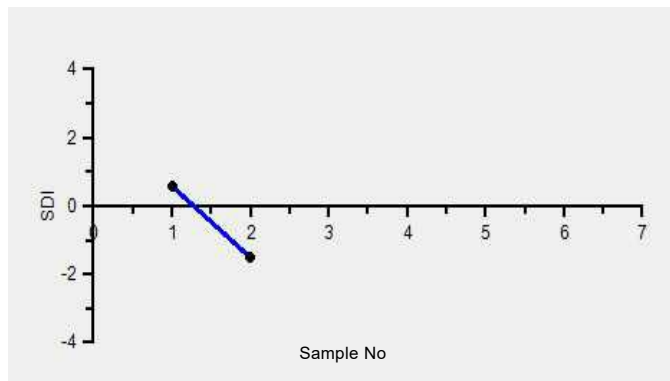
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

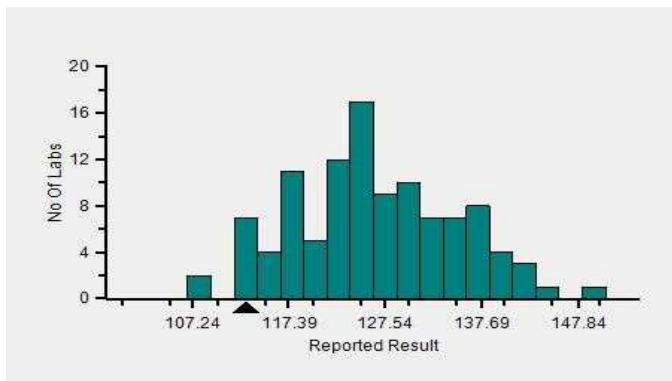
Frequency Histogram



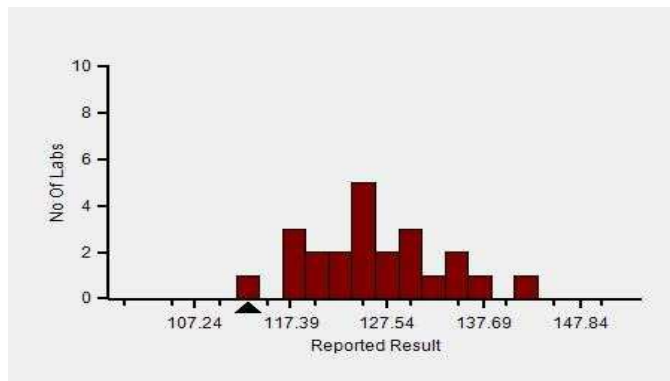
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

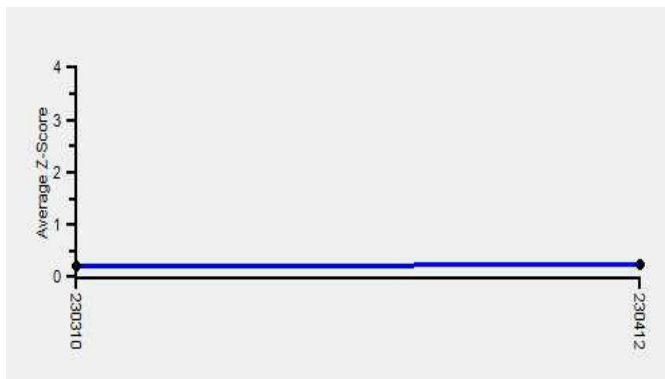
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Cholesterol		N	Mean	SD	CV%	Excluded
	All Analyzer	349	127.58	9.98	7.82	8
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>126.61</b>	<b>7.13</b>	<b>5.63</b>	<b>1</b>
	Erba EM 200	39	124.40	10.70	8.60	-
	Roche cobas c 311	38	131.99	5.47	4.14	1
	Fuji Dri-Chem NX500/i	30	127.90	10.48	8.19	-
	Roche cobas c 111	23	132.09	8.17	6.19	-
	Erba XL-200	16	124.31	8.41	6.77	-
	ERBA XL-640	13	125.46	11.88	9.47	-
	Roche cobas 6000	12	130.00	5.75	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
  - 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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Creatinine, mg/dl**

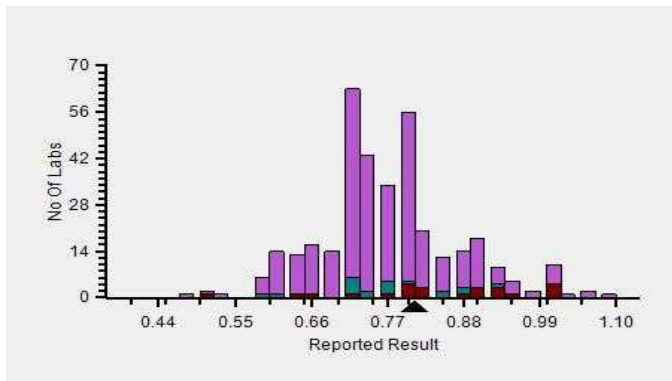
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	355	0.77	0.11	13.93	3
Jaffe - Alkaline picrate - (Your Method)	44	0.80	0.12	14.39	2
Diasys 200 Pro - (Your Analyzer)	24	0.84	0.13	15.27	--

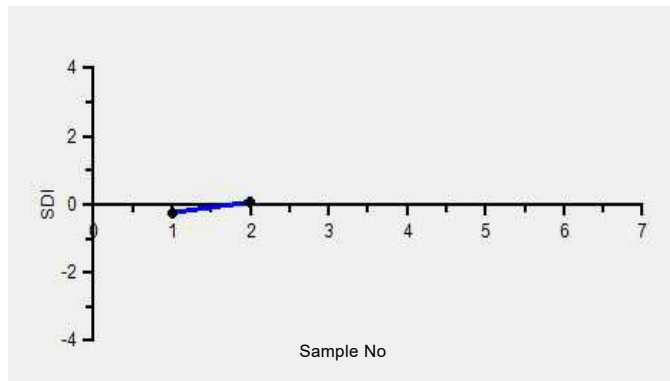
<b>Your Result</b>	0.81	<b>SDI / z-Score</b>	0.07
<b>Assigned Value</b>	0.80	<b>Average SDI</b>	-0.09
<b>SDPA</b>	0.136	<b>Uncertainty of AV</b>	0.02
<b>Standard Unit Result Val</b>	0.81	<b>%DEV</b>	-3.34

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

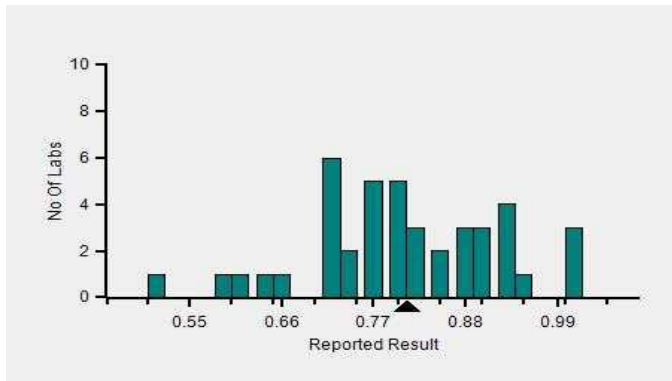
Frequency Histogram



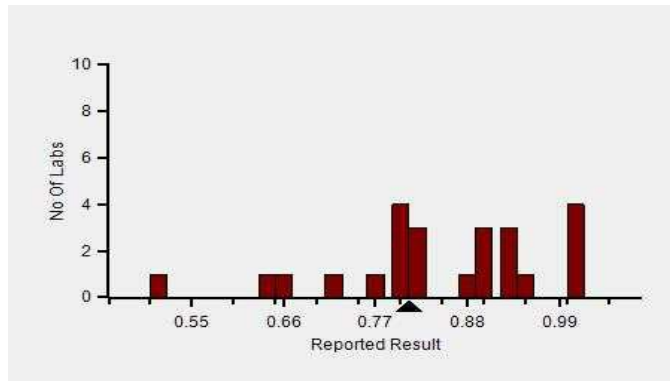
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

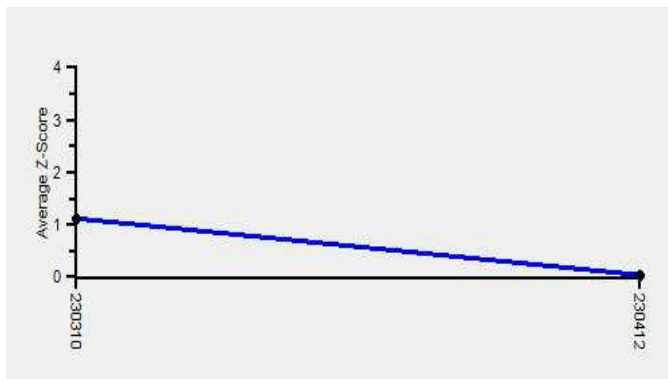
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Creatinine		N	Mean	SD	CV%	Excluded
	All Analyzer	355	0.77	0.11	13.93	3
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>0.84</b>	<b>0.13</b>	<b>15.27</b>	-
	Erba EM 200	41	0.77	0.13	17.12	-
	Roche cobas c 311	38	0.76	0.05	7.01	-
	Fuji Dri-Chem NX500/i	29	0.76	0.05	6.55	-
	Roche cobas c 111	24	0.74	0.07	9.56	-
	Erba XL-200	15	0.76	0.07	8.87	-
	ERBA XL-640	12	0.73	0.13	17.74	-
	Roche cobas 6000	12	0.77	0.05	6.64	-

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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- 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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Glucose, mg/dl**

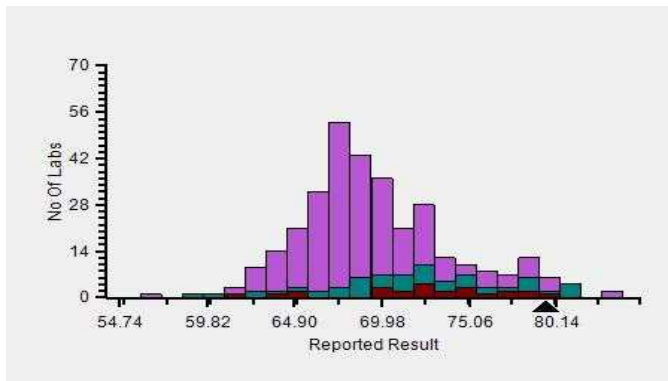
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	353	69.99	5.09	7.28	29
GOD POD - (Your Method)	85	72.54	5.82	8.03	6
Diasys 200 Pro - (Your Analyzer)	24	72.36	4.67	6.45	--

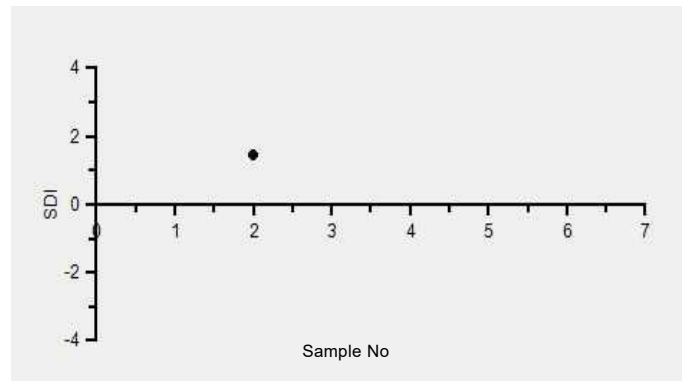
<b>Your Result</b>	79.50	<b>SDI / z-Score</b>	1.46
<b>Assigned Value</b>	70.43	<b>Average SDI</b>	1.46
<b>SDPA</b>	6.230	<b>Uncertainty of AV</b>	0.92
<b>Standard Unit Result Val</b>	79.50	<b>%DEV</b>	9.86

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

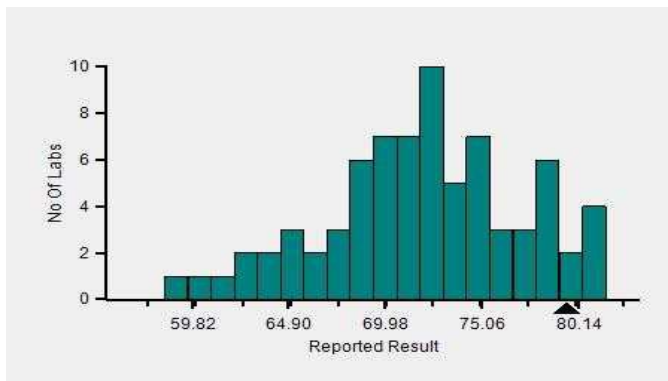
Frequency Histogram



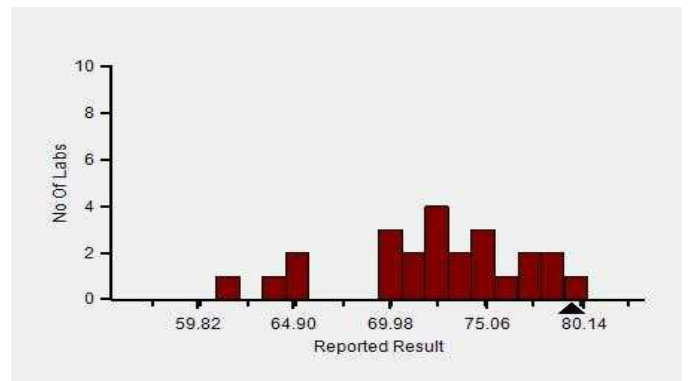
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

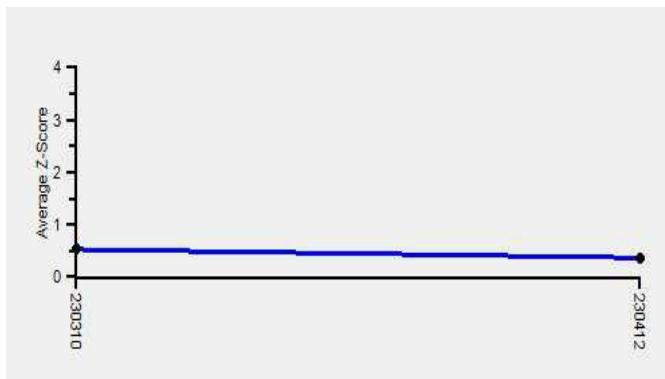
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Glucose		N	Mean	SD	CV%	Excluded
	All Analyzer	353	69.99	5.09	7.28	29
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>72.36</b>	<b>4.67</b>	<b>6.45</b>	-
	Erba EM 200	40	74.09	5.17	6.98	-
	Roche cobas c 311	37	67.06	1.67	2.49	-
	Fuji Dri-Chem NX500/i	32	69.70	3.78	5.42	-
	Fuji Dri-Chem NX500/i	31	69.56	3.76	5.40	-
	Roche cobas c 111	21	67.60	2.44	3.61	-
	Erba XL-200	14	72.55	4.26	5.87	1
	Fuji Dri-Chem 4000i	13	66.85	4.70	7.02	-

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:

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



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, LDL, mg/dl**

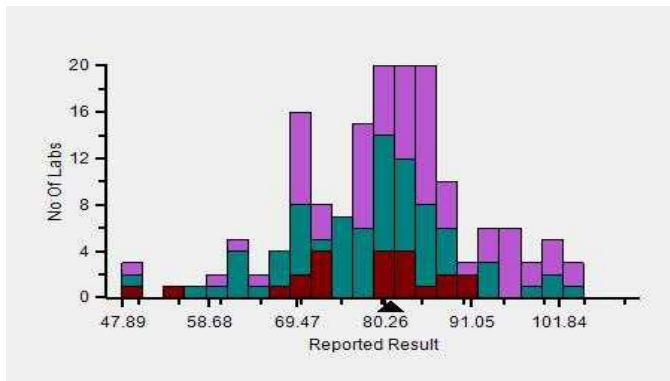
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	179	80.34	10.67	13.28	7
Direct measure - (Your Method)	91	78.29	10.51	13.42	2
Diasys 200 Pro - (Your Analyzer)	23	77.25	10.65	13.78	1

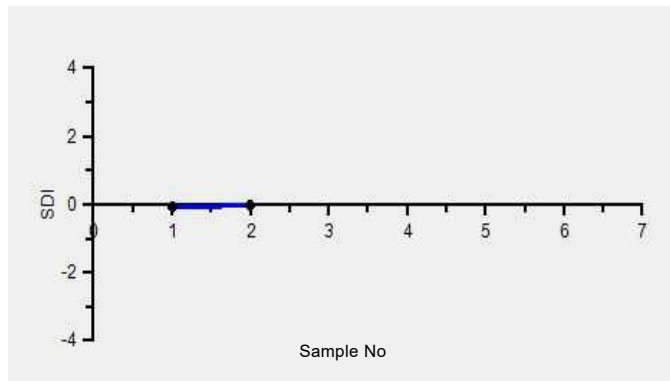
<b>Your Result</b>	81.00	<b>SDI / z-Score</b>	-0.02
<b>Assigned Value</b>	81.18	<b>Average SDI</b>	-0.06
<b>SDPA</b>	10.694	<b>Uncertainty of AV</b>	1.67
<b>Standard Unit Result Val</b>	81.00	<b>%DEV</b>	4.85

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

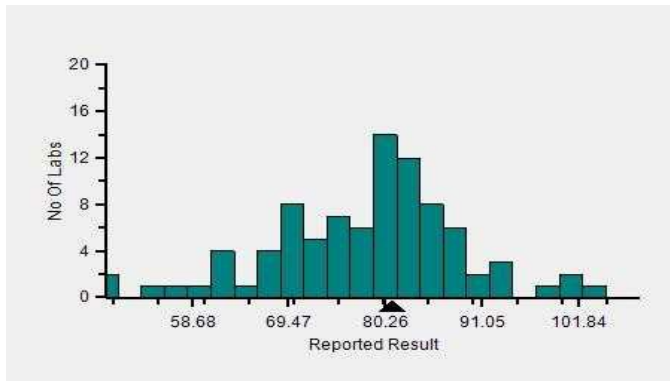
Frequency Histogram



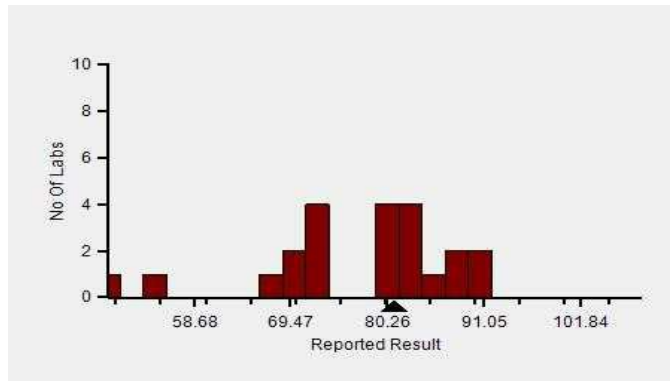
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

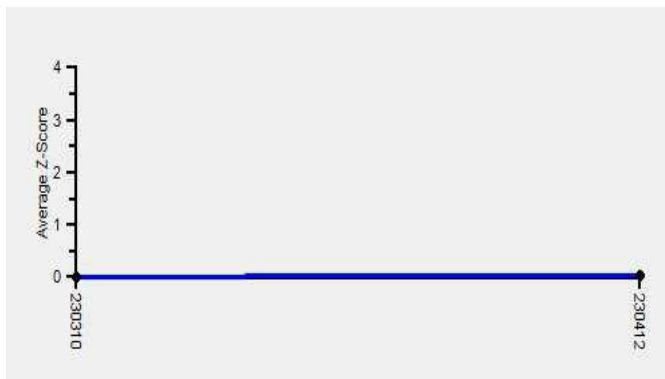
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, LDL		N	Mean	SD	CV%	Excluded
	All Analyzer	179	80.34	10.67	13.28	7
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>23</b>	<b>77.25</b>	<b>10.65</b>	<b>13.78</b>	<b>1</b>
	Roche cobas c 311	25	84.13	6.73	8.00	-
	Erba EM 200	16	81.76	12.83	15.69	-
	Roche cobas 6000	12	79.78	2.94	3.69	-
	Beckman Coulter DxC 700 AU	10	90.18	8.63	9.57	-
	ERBA XL-640	9	78.18	10.55	13.50	-
	Roche cobas INTEGRA	9	84.64	5.04	5.96	2
	Erba XL-200	7	76.87	4.71	6.13	-

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 two pass - Acceptable performance
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- All failed - Unacceptable performance, Review for systematic error





Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	323	4.02	0.17	4.23	7
ISE direct - (Your Method)	234	4.00	0.18	4.42	6
ACCULYTE-3P - (Your Analyzer)	19	3.88	0.21	5.31	1

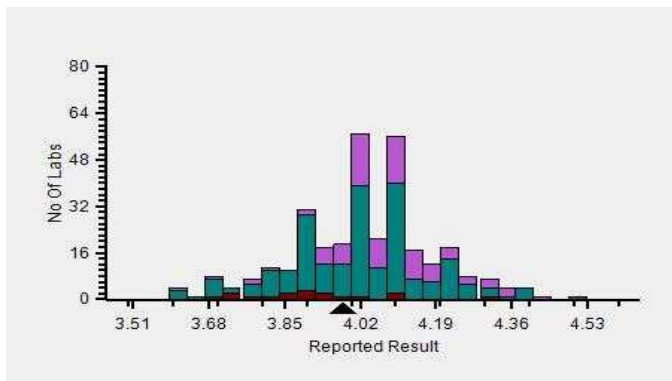
**Evaluation Based On - Method wise Peer Grouping**

Your Result	3.98	SDI / z-Score	-0.10
Assigned Value	4.01	Average SDI	0.19
SDPA	0.240	Uncertainty of AV	0.01
Standard Unit Result Val	3.98	%DEV	2.60

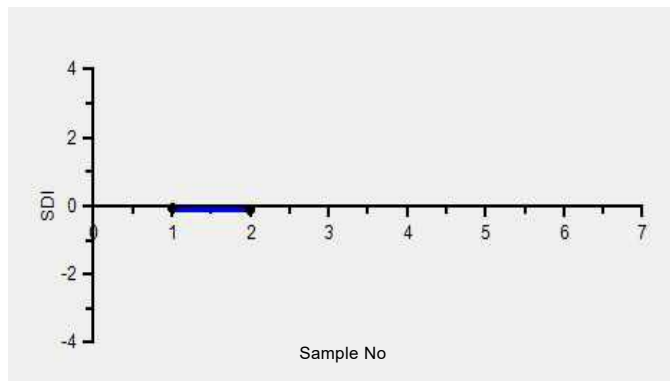
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

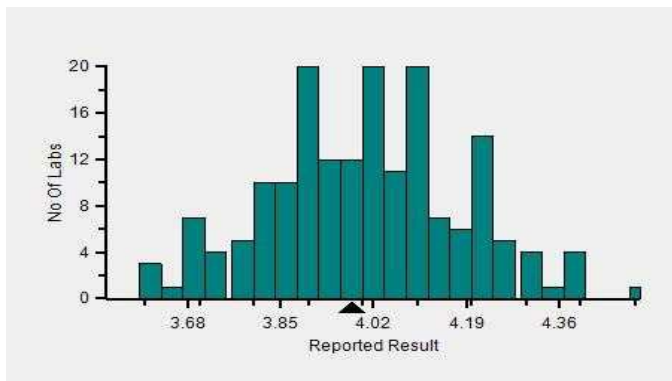
Frequency Histogram



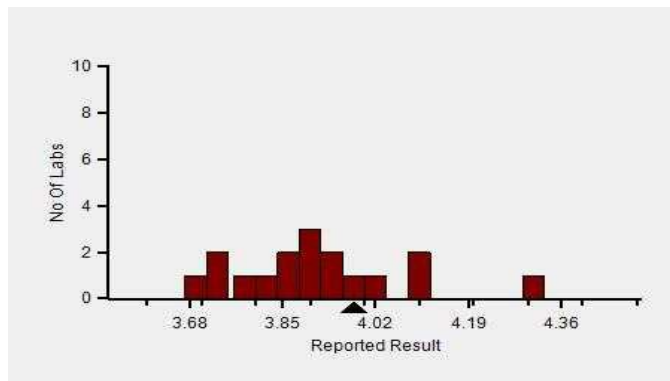
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

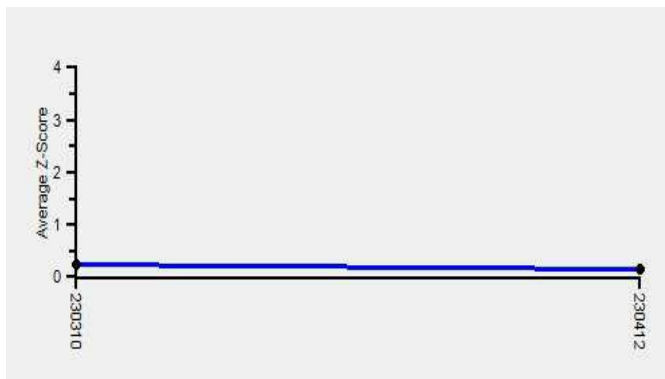
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	323	4.02	0.17	4.23	7
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>3.88</b>	<b>0.21</b>	<b>5.31</b>	<b>1</b>
	Fuji Dri-Chem NX500/i	37	4.00	0.13	3.13	-
	Fuji Dri-Chem NX500/i	36	4.00	0.13	3.13	-
	Roche cobas c 311	27	4.14	0.11	2.59	-
	Fuji Dri-Chem NX600	17	3.97	0.25	6.23	-
	Sensa Core ST200 Aqua	16	4.01	0.15	3.72	-
	Fuji Dri-Chem 4000i	15	4.01	0.13	3.19	-
	Roche AVL 9180	14	4.07	0.13	3.20	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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Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	322	113.06	4.46	3.94	8
ISE direct - (Your Method)	232	113.50	4.73	4.17	4
ACCULYTE-3P - (Your Analyzer)	20	108.73	5.41	4.97	--

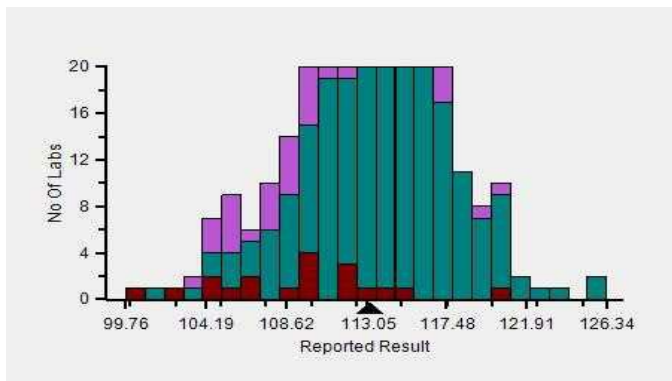
**Evaluation Based On - Method wise Peer Grouping**

Your Result	113.27	SDI / z-Score	-0.06
Assigned Value	113.64	Average SDI	0.08
SDPA	5.890	Uncertainty of AV	0.34
Standard Unit Result Val	113.27	%DEV	4.18

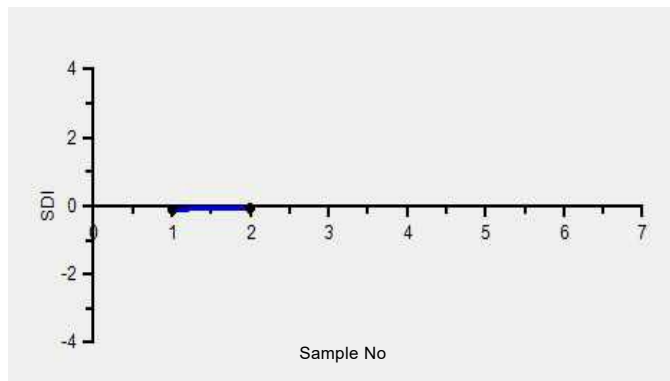
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

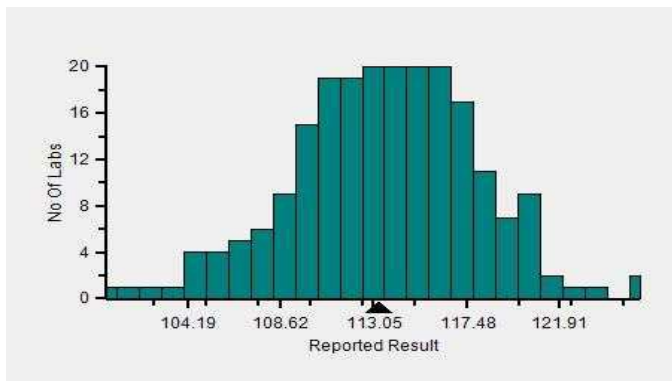
Frequency Histogram



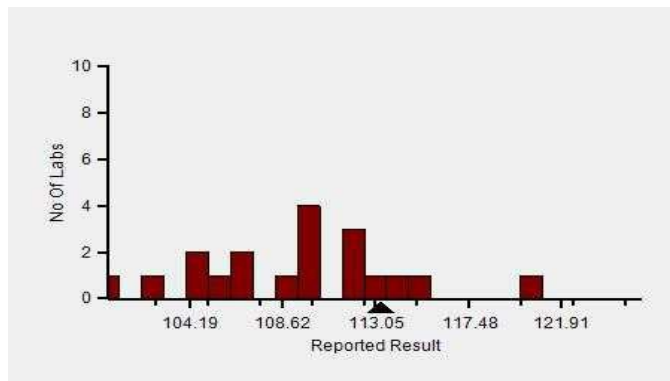
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

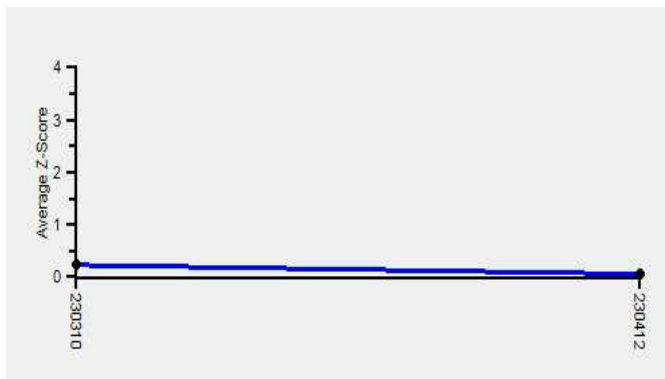
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	322	113.06	4.46	3.94	8
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>108.73</b>	<b>5.41</b>	<b>4.97</b>	-
	Fuji Dri-Chem NX500/i	38	114.76	2.81	2.45	-
	Fuji Dri-Chem NX500/i	37	114.78	2.85	2.48	-
	Roche cobas c 311	28	112.24	2.88	2.56	-
	Fuji Dri-Chem NX600	17	114.09	4.18	3.67	1
	Sensa Core ST200 Aqua	15	115.74	3.78	3.27	-
	Fuji Dri-Chem 4000i	14	115.29	3.15	2.73	-
	Roche AVL 9180	14	111.78	4.72	4.22	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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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

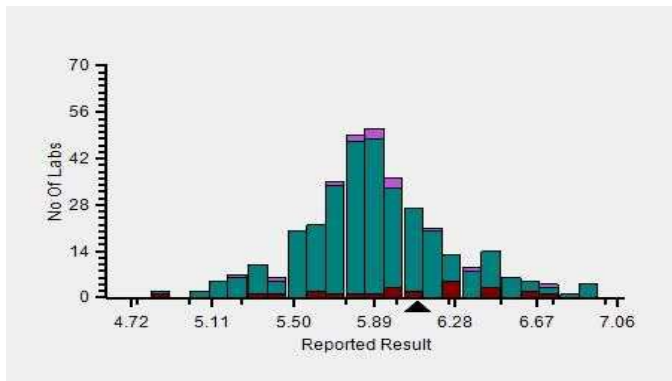
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	353	5.88	0.38	6.42	10
Biuret - (Your Method)	346	5.90	0.38	6.43	8
Diasys 200 Pro - (Your Analyzer)	24	6.04	0.46	7.63	--

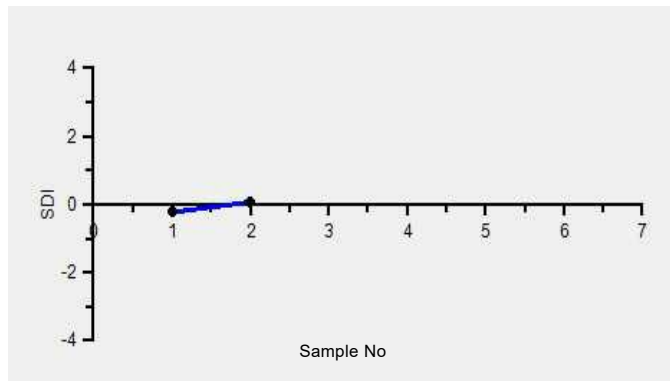
<b>Your Result</b>	6.10	<b>SDI / z-Score</b>	0.07
<b>Assigned Value</b>	6.07	<b>Average SDI</b>	-0.08
<b>SDPA</b>	0.490	<b>Uncertainty of AV</b>	0.05
<b>Standard Unit Result Val</b>	6.10	<b>%DEV</b>	0.98

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

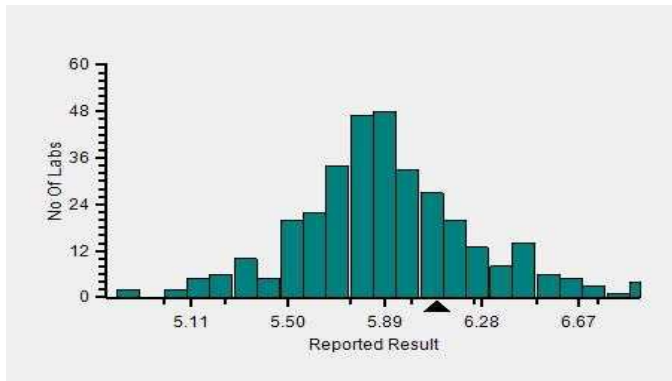
Frequency Histogram



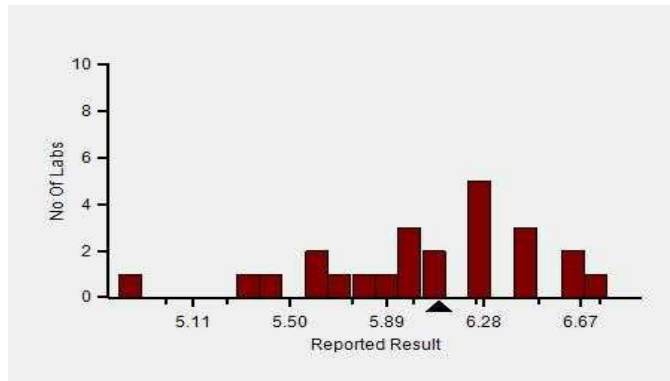
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

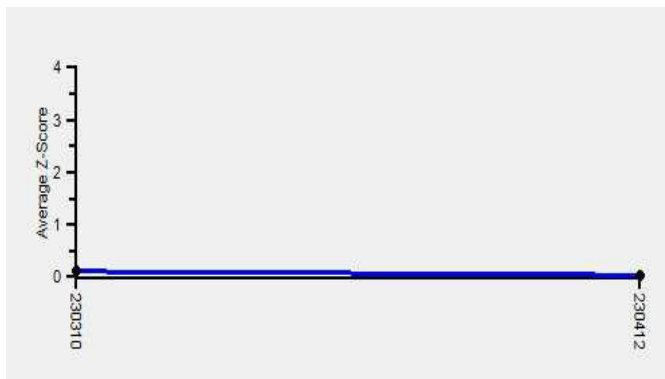
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Total Protein		N	Mean	SD	CV%	Excluded
	All Analyzer	353	5.88	0.38	6.42	10
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>6.04</b>	<b>0.46</b>	<b>7.63</b>	-
	Erba EM 200	41	6.08	0.43	7.03	1
	Roche cobas c 311	38	5.86	0.15	2.61	-
	Fuji Dri-Chem NX500/i	31	5.96	0.33	5.52	-
	Roche cobas c 111	24	5.66	0.46	8.07	1
	Erba XL-200	16	6.13	0.23	3.79	-
	ERBA XL-640	13	6.10	0.34	5.63	-
	Roche cobas INTEGRA	12	5.60	0.26	4.56	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Triglycerides, mg/dl**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	347	153.83	13.11	8.52	5
Colorimetric enzymatic - GPO - (Your Method)	35	146.41	12.74	8.70	--
Diasys 200 Pro - (Your Analyzer)	24	144.28	12.52	8.68	--

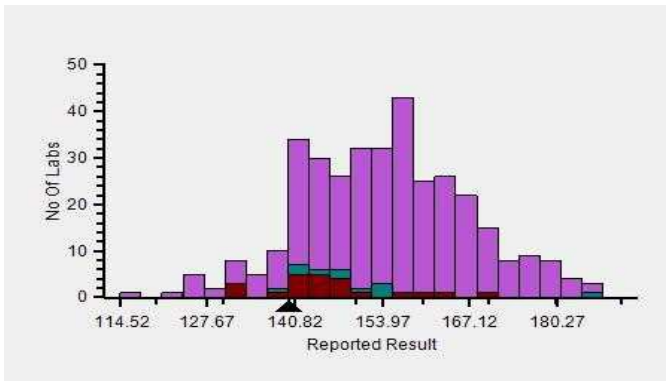
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	140.00	SDI / z-Score	-0.54
Assigned Value	147.94	Average SDI	-0.42
SDPA	14.721	Uncertainty of AV	2.34
Standard Unit Result Val	140.00	%DEV	-2.96

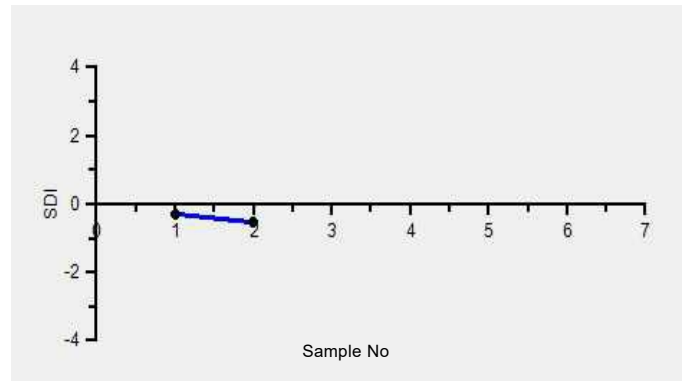
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

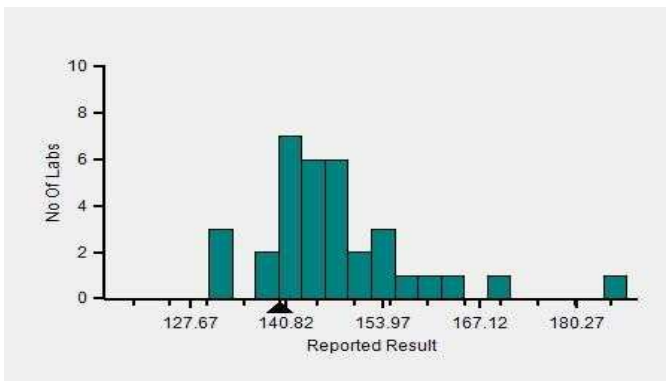
Frequency Histogram



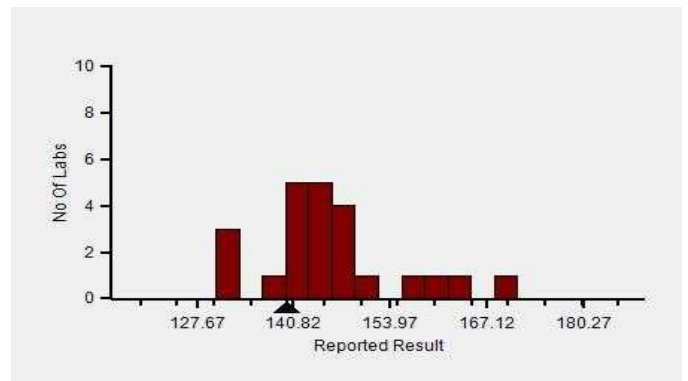
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

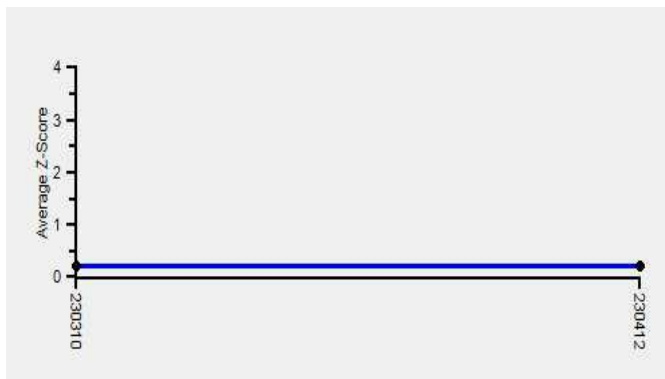
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Triglycerides		N	Mean	SD	CV%	Excluded
	All Analyzer	347	153.83	13.11	8.52	5
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>144.28</b>	<b>12.52</b>	<b>8.68</b>	-
	Erba EM 200	38	146.14	10.94	7.48	1
	Roche cobas c 311	38	159.07	6.76	4.25	-
	Fuji Dri-Chem NX500/i	30	167.21	8.82	5.27	-
	Roche cobas c 111	23	157.92	8.28	5.25	1
	Erba XL-200	18	147.45	9.30	6.31	-
	ERBA XL-640	13	150.20	15.01	9.99	-
	Roche cobas 6000	12	156.43	6.68	4.27	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
- b) If your SDI lies between +/-2.0 to 2.99 SDI then it is a warning alert flag.
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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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Urea, mg/dl**

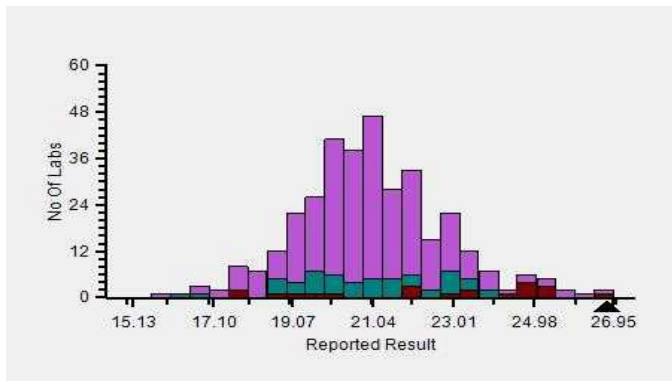
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	356	21.02	1.97	9.35	18
Urease, UV - (Your Method)	80	21.57	2.38	11.04	7
Diasys 200 Pro - (Your Analyzer)	24	22.82	2.90	12.72	2

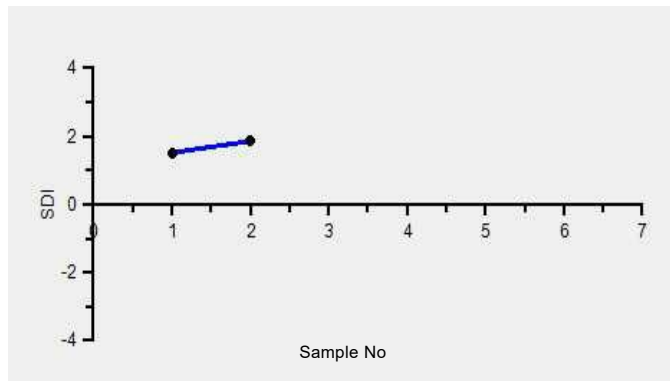
<b>Your Result</b>	26.80	<b>SDI / z-Score</b>	1.86
<b>Assigned Value</b>	21.89	<b>Average SDI</b>	1.69
<b>SDPA</b>	2.641	<b>Uncertainty of AV</b>	0.43
<b>Standard Unit Result Val</b>	26.80	<b>%DEV</b>	17.43

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

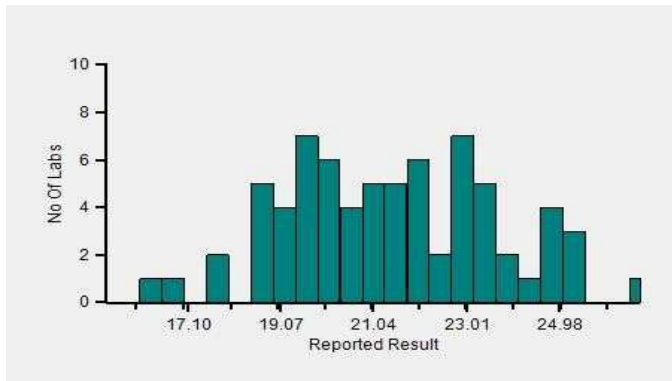
Frequency Histogram



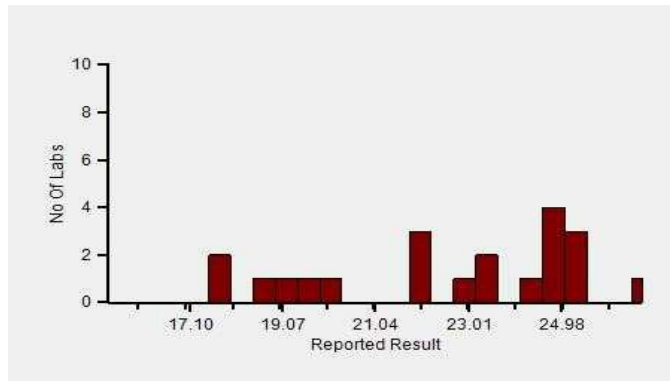
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

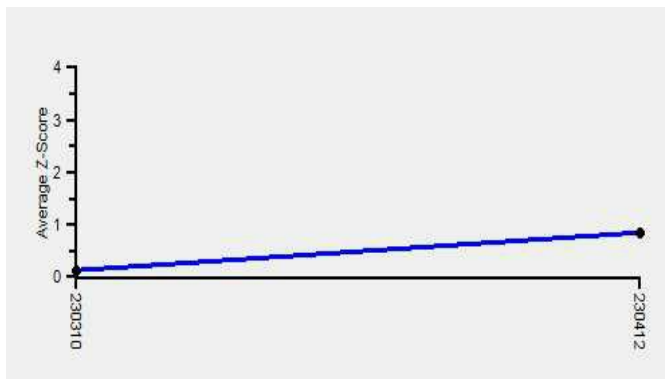
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Urea		N	Mean	SD	CV%	Excluded
	All Analyzer	356	21.02	1.97	9.35	18
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>22.82</b>	<b>2.90</b>	<b>12.72</b>	<b>2</b>
	Erba EM 200	41	21.39	1.93	9.02	1
	Roche cobas c 311	38	20.78	0.98	4.69	1
	Fuji Dri-Chem NX500/i	30	21.23	1.08	5.09	-
	Roche cobas c 111	24	19.92	1.06	5.31	-
	Erba XL-200	18	21.87	2.11	9.66	-
	ERBA XL-640	13	21.04	2.04	9.70	-
	Roche cobas 6000	12	20.18	1.03	5.11	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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- c) If your SDI is +/- 3.0 SDI or more then it is an action alert flag.

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



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 02

Report Date : 13/02/2024

Sample Date : 23/12/2023

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

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	349	3.99	0.38	9.53	11
Uricase - (Your Method)	80	3.99	0.41	10.20	2
Diasys 200 Pro - (Your Analyzer)	24	3.85	0.36	9.26	1

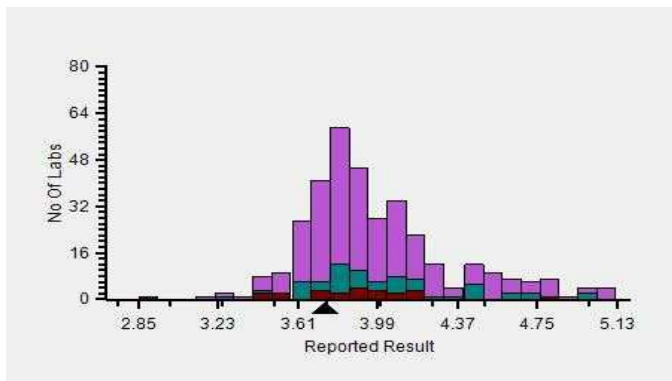
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	3.74	SDI / z-Score	-0.76
Assigned Value	4.11	Average SDI	-0.60
SDPA	0.488	Uncertainty of AV	0.08
Standard Unit Result Val	3.74	%DEV	-2.76

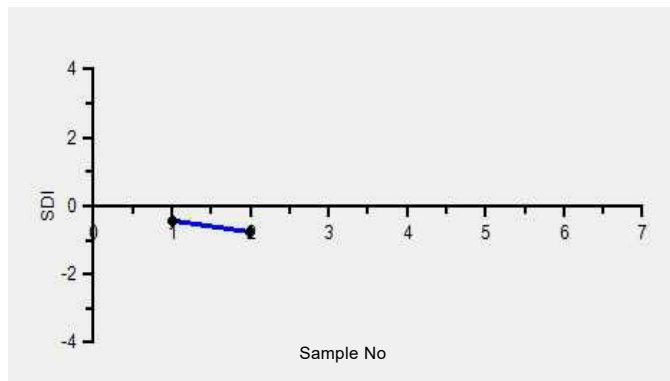
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

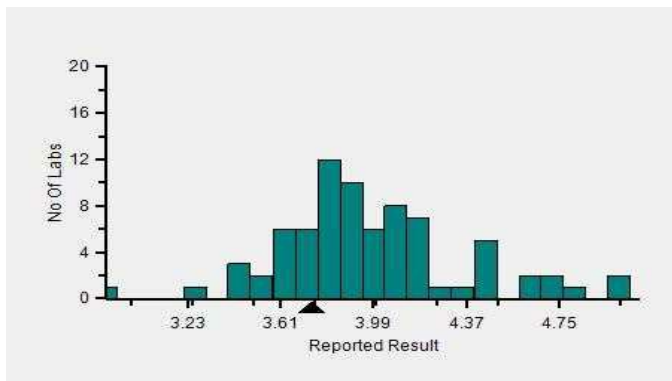
Frequency Histogram



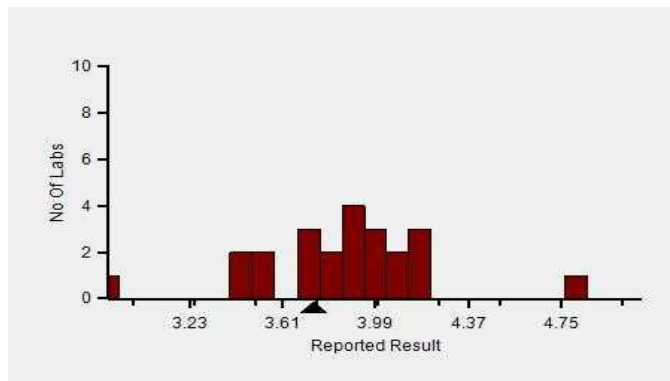
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

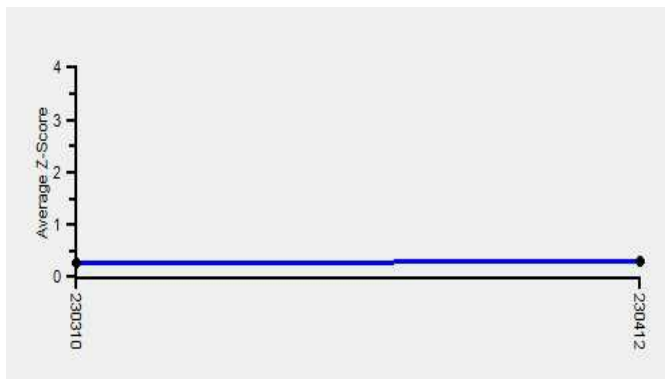
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 02

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Uric Acid		N	Mean	SD	CV%	Excluded
	All Analyzer	349	3.99	0.38	9.53	11
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>3.85</b>	<b>0.36</b>	<b>9.26</b>	<b>1</b>
	Erba EM 200	39	4.19	0.42	10.06	-
	Roche cobas c 311	37	3.76	0.12	3.27	-
	Fuji Dri-Chem NX500/i	29	4.13	0.21	5.01	1
	Roche cobas c 111	24	3.79	0.19	5.10	-
	Erba XL-200	17	4.28	0.36	8.30	-
	ERBA XL-640	13	4.22	0.49	11.63	-
	Roche cobas 6000	12	3.69	0.13	3.58	-

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

This is a computer generated report hence signature is not required



PC-1022



# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, TARNTARAN (1042)

## Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 02

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
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
@ Glucose	mg/dl	79.50	72.36	1.46	1.02
@ Urea	mg/dl	26.80	22.82	1.86	0.95
@ Creatinine	mg/dl	0.81	0.84	0.07	-0.10
@ Bilirubin Total	mg/dl	0.39	0.61	-0.91	0.42
@ Bilirubin Direct	mg/dl	0.11	0.14	-0.56	-0.60
@ Total Protein	g/dL	6.10	6.04	0.07	-0.13
@ Albumin	g/dL	3.80	3.66	1.10	-4.64
@ Uric Acid	mg/dl	3.74	3.85	-0.76	-0.40
@ Calcium	mg/dl	5.88	6.18	-0.87	-0.26
@ Cholesterol	mg/dl	113.00	126.61	-1.51	-0.07
@ Triglycerides	mg/dl	140.00	144.28	-0.54	-0.36
@ LDL	mg/dl	81.00	77.25	-0.02	-0.02
@ ALP	U/L	33.97	41.55	-1.20	-1.01

Instrument : **ACCULYTE-3P**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	89.20	87.53	0.67	-0.14
@ Sodium	mmol/L	113.27	108.73	-0.06	0.15
@ Potassium	mmol/L	3.98	3.88	-0.10	0.22

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

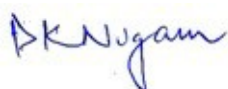
X : z score ≥ 3 - Unacceptable

# : Not Evaluated

⊙ : Delayed Result Entry

\* : Not considered for evaluation.

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



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

Unit No. 409-416.

Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, ALT, U/L**

**Comparative Statistics**

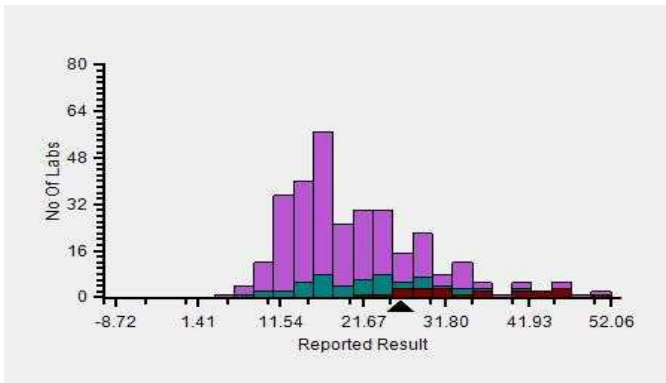
	N	Mean	SD	CV%	Excluded
All Methods	334	21.77	10.19	46.81	25
IFCC - (Your Method)	75	26.18	10.66	40.71	7
Diasys 200 Pro - (Your Analyzer)	24	35.91	9.45	26.32	1

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

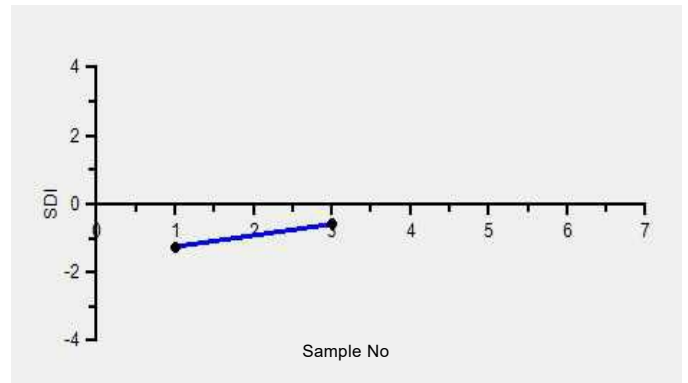
<b>Your Result</b>	26.30	<b>SDI / z-Score</b>	-0.59
<b>Assigned Value</b>	31.52	<b>Average SDI</b>	-0.92
<b>SDPA</b>	8.780	<b>Uncertainty of AV</b>	2.27
<b>Standard Unit Result Val</b>	26.30	<b>%DEV</b>	-26.76

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

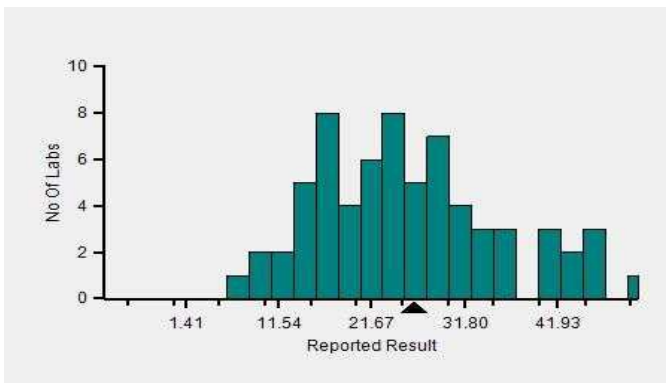
Frequency Histogram



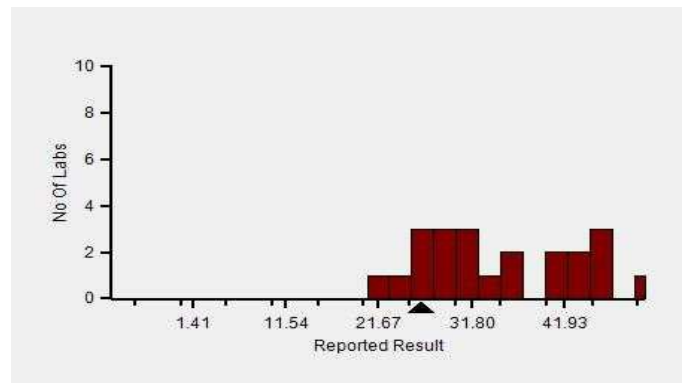
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

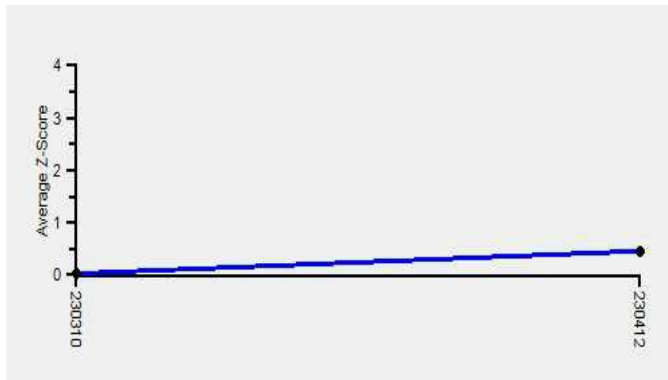
Report Date : 13/02/2024

Cycle No : 230412

Sample No : 03

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, ALT		N	Mean	SD	CV%	Excluded
	All Analyzer	334	21.77	10.19	46.81	25
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>35.91</b>	<b>9.45</b>	<b>26.32</b>	<b>1</b>
	Erba EM 200	38	20.02	5.87	29.32	4
	Roche cobas c 311	36	17.15	5.42	31.62	1
	Fuji Dri-Chem NX500/i	29	17.63	5.71	32.36	2
	Fuji Dri-Chem NX500/i	28	17.89	5.66	31.64	2
	Roche cobas c 111	20	16.93	4.68	27.64	2
	Erba XL-200	14	15.96	4.09	25.60	-
	ERBA XL-640	13	19.35	4.00	20.67	-

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 two pass - Acceptable performance
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  - All pass - Acceptable performance
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  - All failed - Unacceptable performance, Review for systematic error





Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, AST, U/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	330	42.43	19.52	46.00	19
IFCC - (Your Method)	74	55.38	28.36	51.20	5
Diasys 200 Pro - (Your Analyzer)	24	80.82	26.07	32.25	1

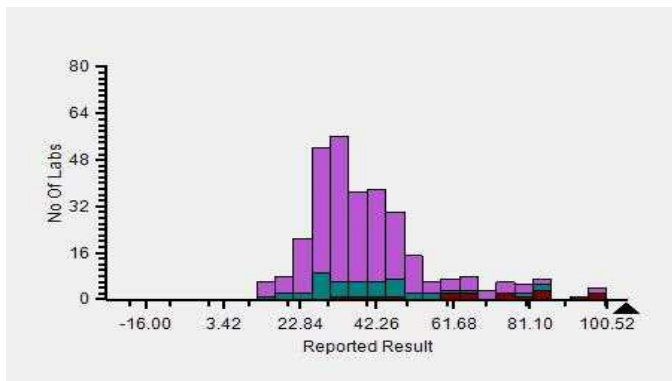
**Evaluation Based On - Equipment wise Peer Grouping**

Your Result	105.32	SDI / z-Score	1.71
Assigned Value	64.84	Average SDI	-0.29
SDPA	23.606	Uncertainty of AV	5.39
Standard Unit Result Val	105.32	%DEV	30.32

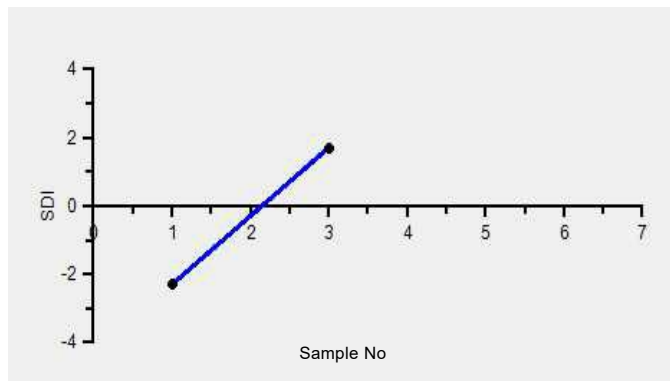
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

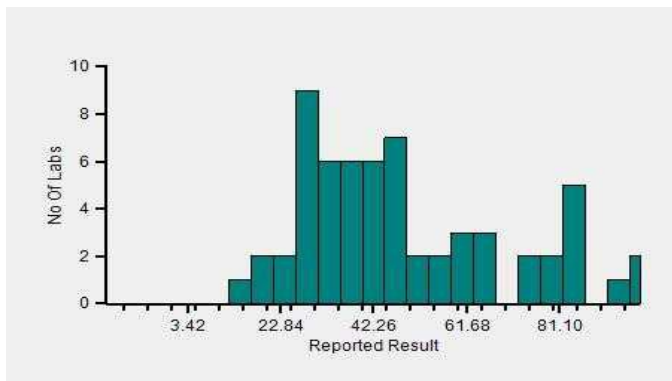
Frequency Histogram



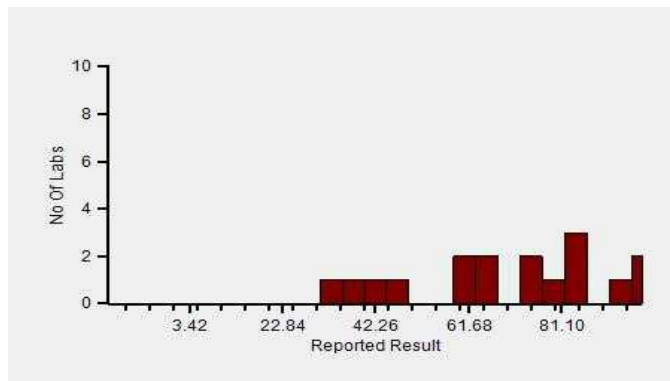
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

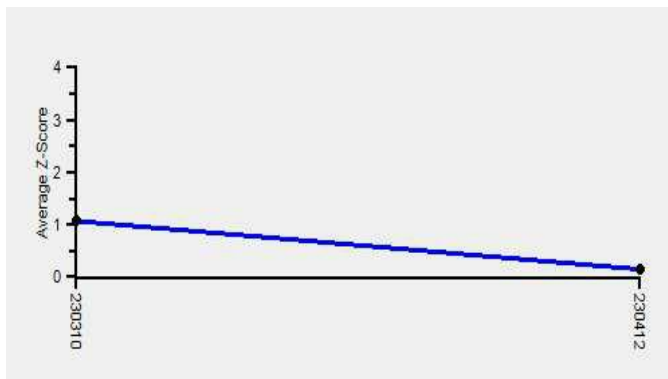
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, AST		N	Mean	SD	CV%	Excluded
	All Analyzer	330	42.43	19.52	46.00	19
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>24</b>	<b>80.82</b>	<b>26.07</b>	<b>32.25</b>	<b>1</b>
	Erba EM 200	36	40.28	12.46	30.93	-
	Roche cobas c 311	34	32.29	7.10	21.98	1
	Fuji Dri-Chem NX500/i	29	30.68	8.11	26.44	1
	Fuji Dri-Chem NX500/i	28	30.93	8.16	26.38	1
	Roche cobas c 111	21	31.87	8.36	26.22	3
	Erba XL-200	15	39.10	6.55	16.75	-
	ERBA XL-640	13	36.41	7.70	21.15	-

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



Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Chloride, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	292	122.26	7.81	6.39	12
ISE direct - (Your Method)	203	123.71	7.82	6.32	8
ACCULYTE-3P - (Your Analyzer)	20	126.65	4.97	3.92	--

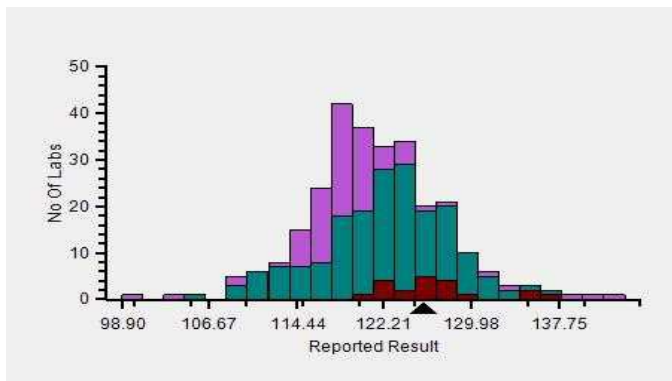
**Evaluation Based On - Method wise Peer Grouping**

Your Result	125.79	SDI / z-Score	0.29
Assigned Value	122.83	Average SDI	0.60
SDPA	10.100	Uncertainty of AV	0.50
Standard Unit Result Val	125.79	%DEV	-0.68

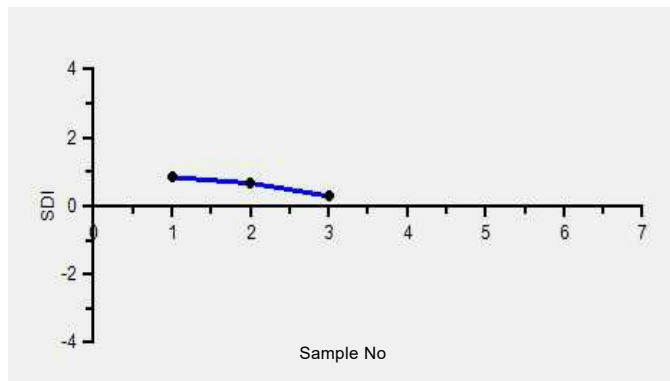
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

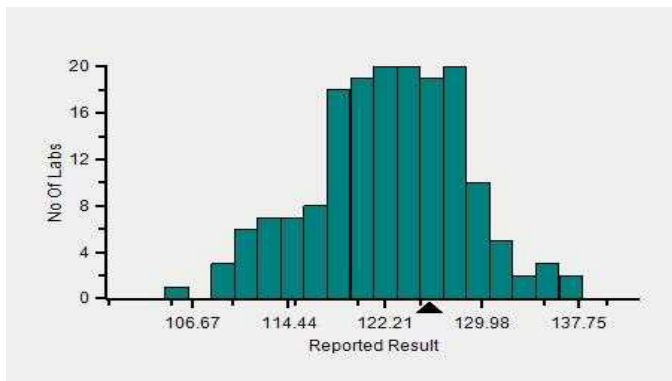
Frequency Histogram



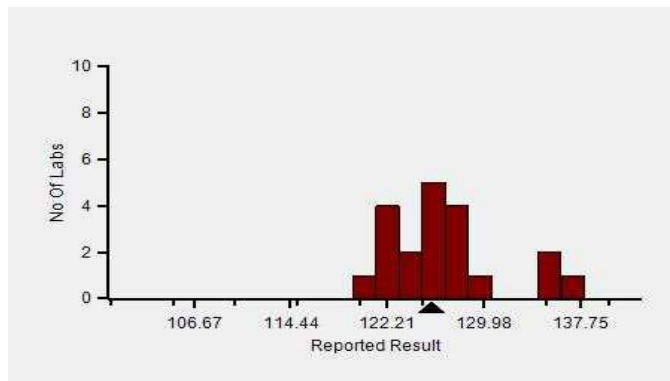
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

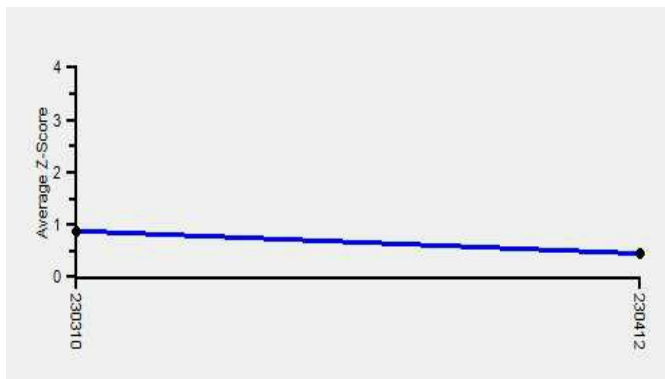
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	292	122.26	7.81	6.39	12
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>126.65</b>	<b>4.97</b>	<b>3.92</b>	-
	Fuji Dri-Chem NX500/i	31	125.87	7.91	6.28	1
	Roche cobas c 311	26	119.57	7.90	6.61	-
	Fuji Dri-Chem NX600	16	126.43	7.96	6.30	2
	Fuji Dri-Chem 4000i	13	125.75	7.82	6.22	-
	Sensa Core ST200 Aqua	13	119.57	5.74	4.80	-
	EasyLyte	12	125.02	4.82	3.85	2
	Sensa Core ST 200 plus	11	119.48	7.30	6.11	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, HDL, mg/dl**

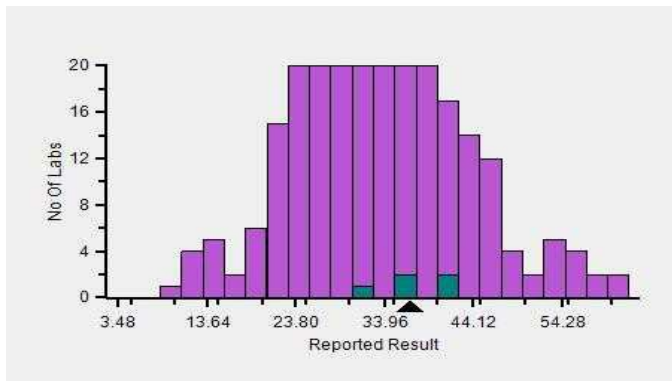
**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	315	34.01	10.20	30.00	40
Direct measure, immunoinhibition - (Your Method)	25	37.41	4.11	10.99	20
Diasys 200 Pro - (Your Analyzer)	22	--	--	--	22

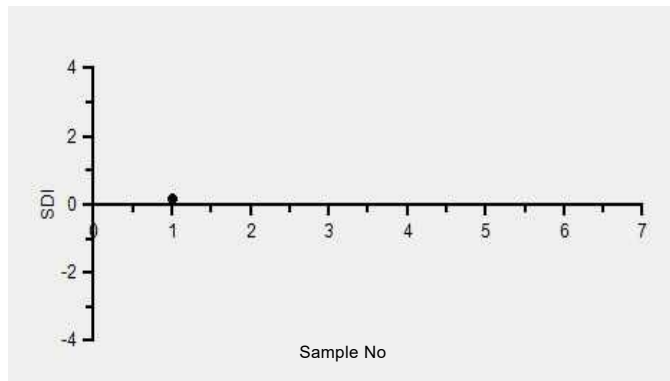
<b>Your Result</b>	37.00	<b>SDI / z-Score</b>	
<b>Assigned Value</b>	#	<b>Average SDI</b>	0.14
<b>SDPA</b>	#	<b>Uncertainty of AV</b>	
<b>Standard Unit Result Val</b>	37.00 #	<b>%DEV</b>	

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

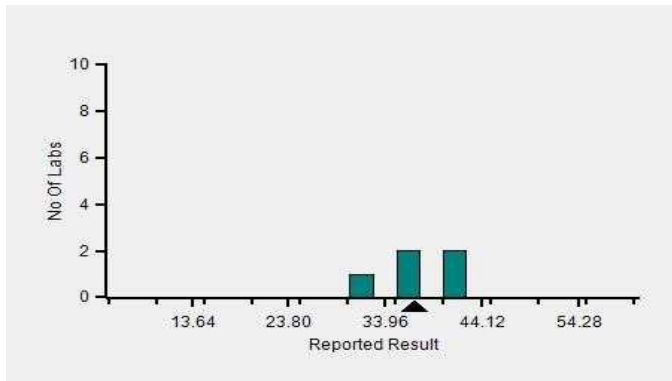
Frequency Histogram



Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

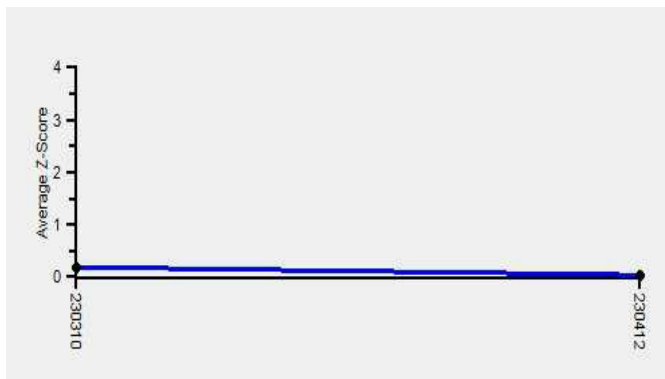
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, HDL		N	Mean	SD	CV%	Excluded
	All Analyzer	315	34.01	10.20	30.00	40
<b>Your Analyzer :</b>	<b>Diasys 200 Pro</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22</b>
	Roche cobas c 311	37	25.56	6.54	25.59	-
	Erba EM 200	34	36.92	6.26	16.97	-
	Fuji Dri-Chem NX500/i	30	41.77	8.55	20.46	-
	Fuji Dri-Chem NX500/i	29	42.04	8.57	20.38	-
	Roche cobas c 111	19	20.71	5.45	26.29	1
	Erba XL-200	16	35.89	4.89	13.63	1
	ERBA XL-640	13	40.23	8.02	19.92	-

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 : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Potassium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	306	6.89	0.47	6.78	12
ISE direct - (Your Method)	219	6.83	0.46	6.72	8
ACCULYTE-3P - (Your Analyzer)	19	6.84	0.34	4.94	--

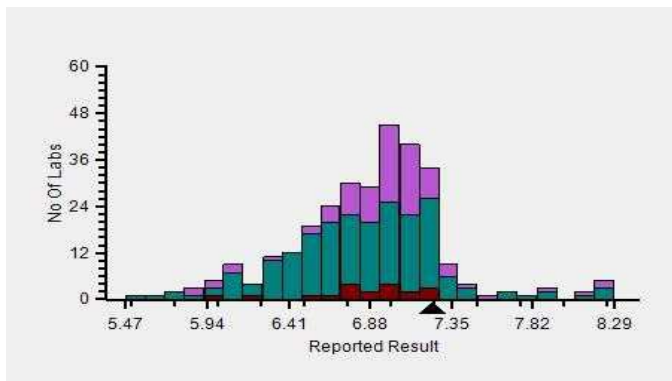
**Evaluation Based On - Method wise Peer Grouping**

Your Result	7.24	SDI / z-Score	0.77
Assigned Value	6.83	Average SDI	0.19
SDPA	0.540	Uncertainty of AV	0.03
Standard Unit Result Val	7.24	%DEV	5.91

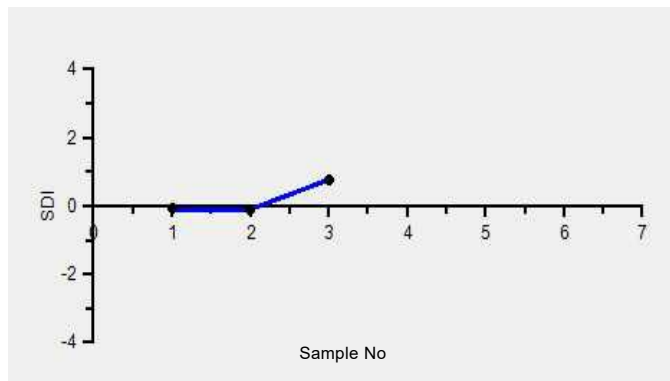
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

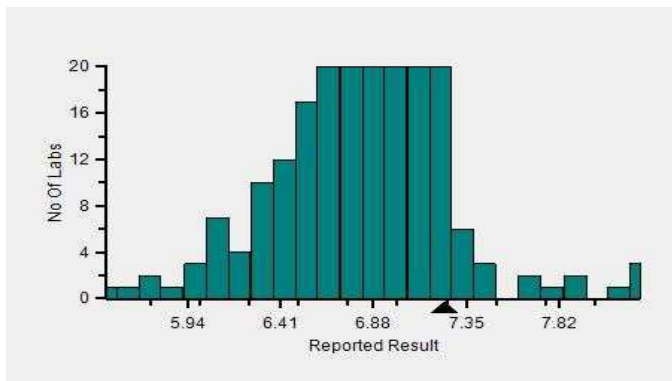
Frequency Histogram



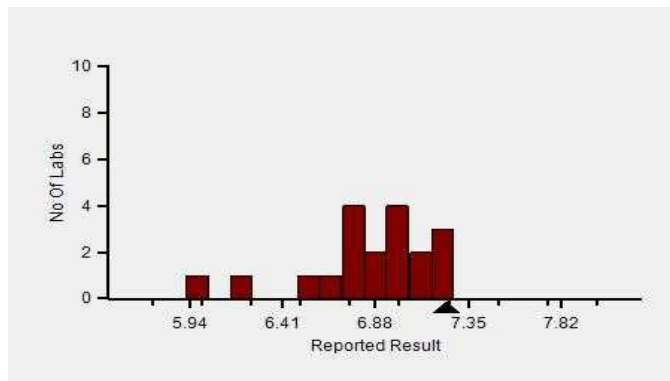
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

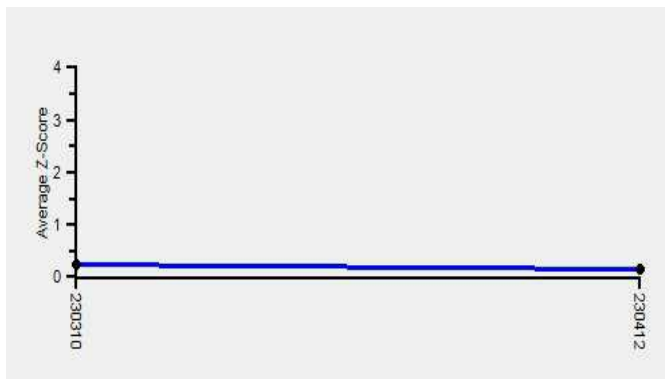
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Potassium		N	Mean	SD	CV%	Excluded
	All Analyzer	306	6.89	0.47	6.78	12
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>19</b>	<b>6.84</b>	<b>0.34</b>	<b>4.94</b>	-
	Fuji Dri-Chem NX500/i	36	7.02	0.36	5.15	3
	Fuji Dri-Chem NX500/i	35	7.03	0.37	5.24	3
	Roche cobas c 311	25	7.17	0.34	4.72	1
	Fuji Dri-Chem 4000i	15	7.06	0.29	4.15	1
	Fuji Dri-Chem NX600	15	6.86	0.45	6.51	1
	EasyLyte	14	6.69	0.30	4.53	2
	Sensa Core ST200 Aqua	14	6.52	0.43	6.59	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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Lab : 1042

Cycle No : 230412

Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

**Biochemistry, Sodium, mmol/L**

**Comparative Statistics**

	N	Mean	SD	CV%	Excluded
All Methods	305	159.72	7.77	4.87	10
ISE direct - (Your Method)	217	160.19	8.10	5.06	6
ACCULYTE-3P - (Your Analyzer)	20	157.93	8.09	5.12	--

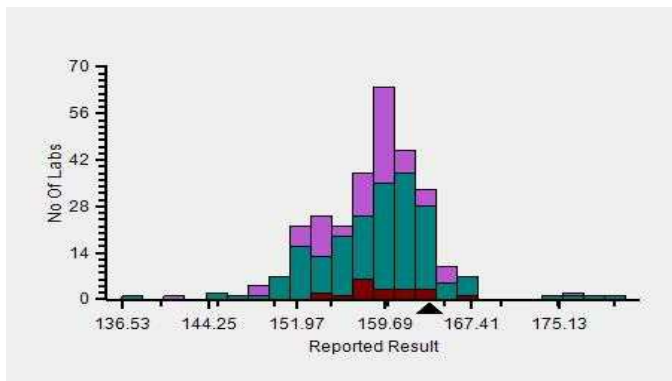
**Evaluation Based On - Method wise Peer Grouping**

Your Result	163.68	SDI / z-Score	0.40
Assigned Value	159.15	Average SDI	0.08
SDPA	11.400	Uncertainty of AV	0.39
Standard Unit Result Val	163.68	%DEV	3.64

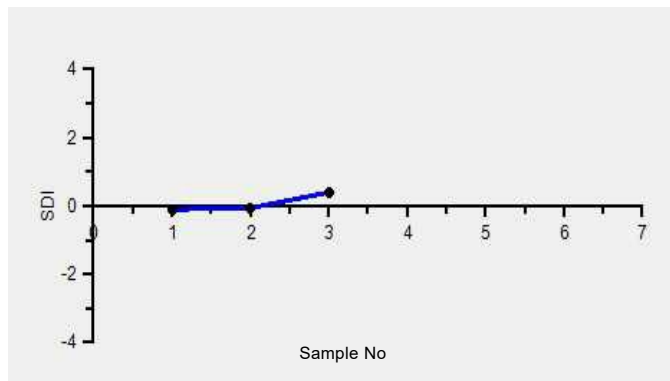
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

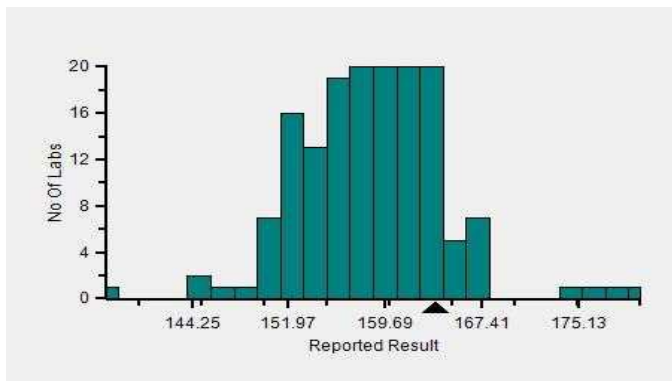
Frequency Histogram



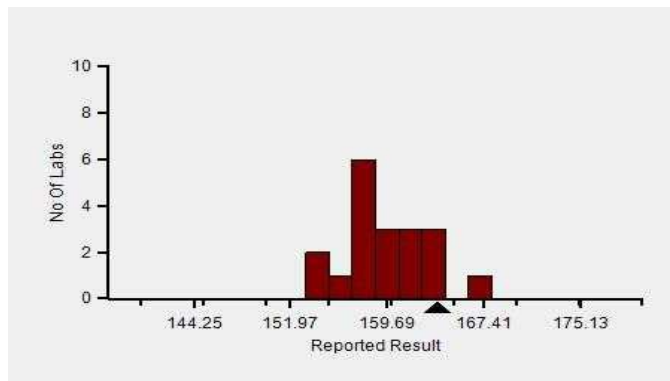
Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Lab : 1042

Cycle No : 230412

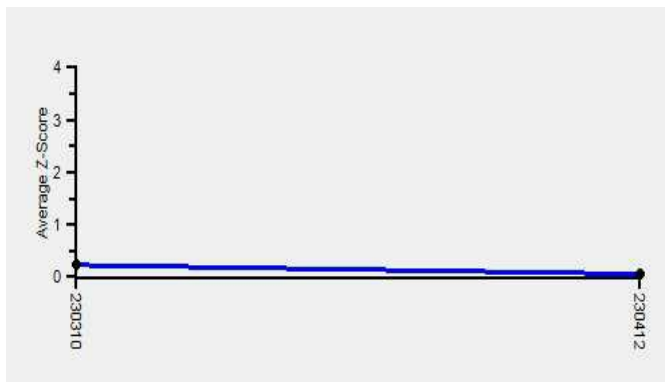
Lab Name : KRSNAA DIAGNOSTICS LTD, TARNTARAN

Sample No : 03

Report Date : 13/02/2024

Sample Date : 23/12/2023

Frequency Histogram Your Method



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

**Comments :**

Biochemistry, Sodium		N	Mean	SD	CV%	Excluded
	All Analyzer	305	159.72	7.77	4.87	10
<b>Your Analyzer :</b>	<b>ACCULYTE-3P</b>	<b>20</b>	<b>157.93</b>	<b>8.09</b>	<b>5.12</b>	-
	Fuji Dri-Chem NX500/i	37	163.05	9.76	5.99	-
	Fuji Dri-Chem NX500/i	36	163.19	9.86	6.04	-
	Roche cobas c 311	26	160.38	9.20	5.74	-
	Fuji Dri-Chem NX600	15	159.92	3.50	2.19	2
	Fuji Dri-Chem 4000i	14	164.71	9.80	5.95	-
	EasyLyte	14	158.26	7.19	4.54	1
	Sensa Core ST200 Aqua	14	158.89	4.73	2.97	-

Remarks: Interpretation of your reports

- a) If your SDI lies between +/- 2.0 SDI then your results are well within limits.
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  - One out of three pass - Unacceptable performance, Review for systematic error
  - All failed - Unacceptable performance, Review for systematic error

*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



# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD, TARNTARAN (1042)

## Outlier And Analyte Summary Report

Outlier Details For Cycle No 230412 and Sample No 03

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
Legend @ : z score $\leq$ 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score $\geq$ 3 - Unacceptable # : Not Evaluated ⌚ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Corrective Action: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reviewed by: \_\_\_\_\_

Dated: \_\_\_\_\_

Instrument : **Diasys 200 Pro**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
# HDL	mg/dl	37.00	67.15		-0.11
@ ALT	U/L	26.30	35.91	-0.59	-0.44
@ AST	U/L	105.32	80.82	1.71	-0.95

Instrument : **ACCULYTE-3P**

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	125.79	126.65	0.29	-0.14
@ Sodium	mmol/L	163.68	157.93	0.40	0.15
@ Potassium	mmol/L	7.24	6.84	0.77	0.22

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

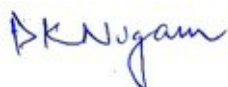
X : z score ≥ 3 - Unacceptable

# : Not Evaluated

⌚ : Delayed Result Entry

\* : Not considered for evaluation.

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



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

Unit No. 409-416.

Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070