

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Triglycerides	Erba Chem 5/Plus	141.20	mg/dl	2.56
X ALT	Erba Chem 5/Plus	24.20	U/L	14.84
! ALP	Erba Chem 5/Plus	68.00	U/L	2.16
Legend @ : z score ≤ 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score ≥ 3 - Unacceptable # : Not Evaluated ⌚ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

RIGHT CARE PATHOLOGY LAB (603)

Outlier And Analyte Summary Report

Result Details For Cycle No 220207 and Sample No 01

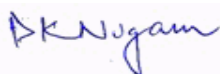
Report Date : 31/08/2022

Instrument : Erba Chem 5/Plus

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	67.20	--	-0.60	-0.57
@ Urea	mg/dl	19.26	--	-0.18	0.65
@ Creatinine	mg/dl	0.88	0.90	0.27	1.35
@ Bilirubin Total	mg/dl	0.10	--	-0.42	1.49
@ Bilirubin Direct	mg/dl	0.06	--	0.88	2.08
@ Total Protein	g/dL	6.60	--	0.27	-0.35
@ Albumin	g/dL	3.60	--	0.43	0.07
@ Uric Acid	mg/dl	3.90	4.24	-1.87	0.75
@ Calcium	mg/dl	8.60	8.44	0.83	1.04
@ Cholesterol	mg/dl	138.30	--	0.36	-0.56
! Triglycerides	mg/dl	141.20	--	2.56	0.08
@ HDL	mg/dl	39.20	--	1.39	0.38
X ALT	U/L	24.20	--	14.84	2.58
! ALP	U/L	68.00	100.85	2.16	2.56
@ LDH	U/L	232.40	200.80	1.57	0.02
# Chloride	mmol/L				
@ Sodium	mmol/L	135.00	--	-1.03	-1.47
@ Potassium	mmol/L	5.10	--	0.71	2.18
@ C-Reactive Protein Quantitative	mg/L	7.30	7.26	-0.10	1.15

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.

Total Parameters	19
Not Evaluated Parameters	1
Evaluated Parameters	18
Outlier Parameters (X)	1
EQAS Score Biochemistry	94.44 %



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End of Report

**RIGHT CARE PATHALOGY LAB**

RCP - 07

Proficiency Testing outliers and corrective action records

PAGE 1 OF 1

Sr. No	Date	Test Name	Lab Reported Result	Peer / Expected Value	Details of Root Cause analysis and Corrective action taken	Done by	Sign
1.	06-09-2022	ALT	24.20	5.59	RCA: Checked for sample processing process, Reagent expiry, stability all factors were within acceptable limit. No specific deviation observed.? Random error could not be concluded. Corrective Action: Random error, observe all abnormal reports for clinical correlation and observe EQAS reports in upcoming cycle.	Ms. Pranali	
2.		Chloride	103	140.85 (All method Mean) Eqp Specific not assigned, by EQAS.			
3.							
4.							
5.							
6.							
7.							

Issue No. 1	Issue Date : 10-11-2021	Amend No. 00	Amend Date. 00	Page 1 of 1
 Prepared & Approved By : Ms. Jyoti Phadtare				

Analyte Methodwise Result Report

Lab : 603
Lab Name : RIGHT CARE PATHOLOGY LAB
Report Date : 31/08/2022

Cycle No : 220207
Sample No : 1
Sample Date : 28-07-2022

Biochemistry, ALT, U/L

Comparative Statistics

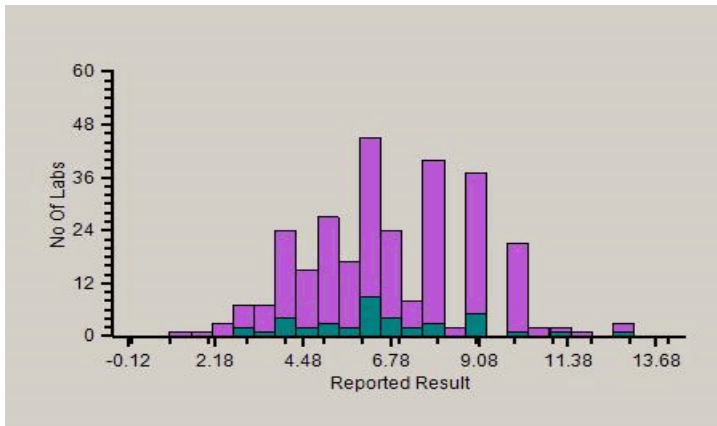
	N	Mean	SD	CV%	Excluded
All Methods	311	6.77	2.30	34.03	25
IFCC - (Your Method)	45	6.76	2.60	38.45	5
Erba Chem 5/Plus - (Your Analyzer)	1	--	--	--	1

Your Result	24.20	SDI / z-Score	14.84
Assigned Value	5.59	Average SDI	13.29
SDPA	1.254	Uncertainty of AV	0.26
Standard Unit Result Val	24.20	%DEV	257.99

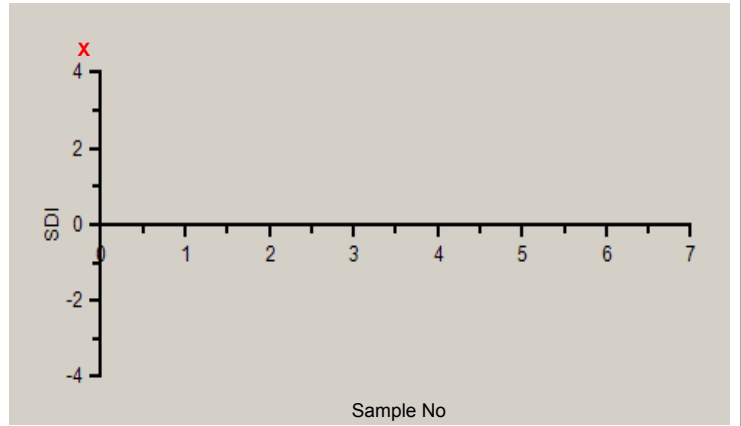
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

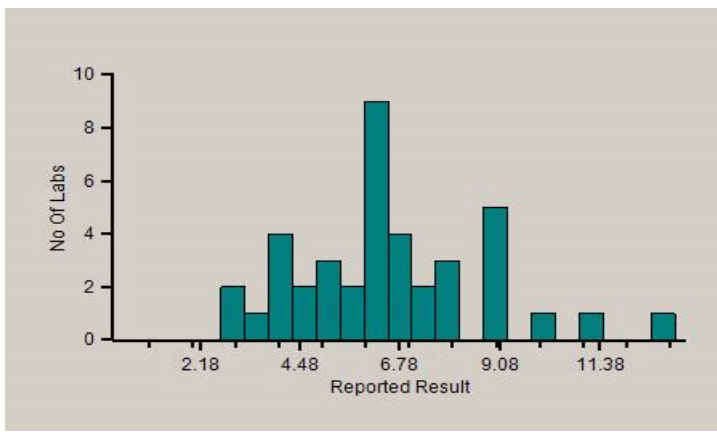
Frequency Histogram



Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 603

Cycle No : 220207

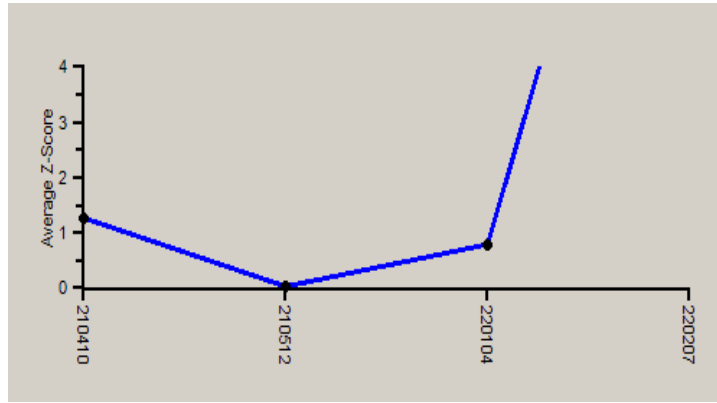
Lab Name : RIGHT CARE PATHOLOGY LAB

Sample No : 1

Report Date : 31/08/2022

Sample Date : 28-07-2022

Absolute Z-Score Average - Across Rounds



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

Comments :

Biochemistry, ALT

	N	Mean	SD	CV%	Excluded
All Analyzer	311	6.77	2.30	34.03	25
Your Analyzer : Erba Chem 5/Plus	1	--	--	--	1
Fuji Dri-Chem NX500/i	43	8.67	0.92	10.60	--
Fuji Dri-Chem NX500/i	43	8.67	0.92	10.60	--
Biosystems A15	31	7.24	2.57	35.41	6
Roche cobas c 311	30	6.15	1.20	19.43	1
Erba EM 200	27	5.50	1.47	26.79	5
Roche cobas c 111	18	4.58	0.88	19.15	--
ERBA XL-640	16	5.10	1.21	23.69	3
Fuji Dri-Chem 4000i	16	8.13	1.06	13.03	1

Remarks: Interpretation of your reports

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

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

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

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PC-1022

Analyte Methodwise Result Report

Lab : 603
Lab Name : RIGHT CARE PATHOLOGY LAB
Report Date : 31/08/2022

Cycle No : 220207
Sample No : 1
Sample Date : 28-07-2022

Biochemistry, Chloride, mEq/L

Comparative Statistics	N	Mean	SD	CV%	Excluded
All Methods	169	140.85	33.89	24.06	10
Fluorescent optical electrode - (Your Method)	1	--	--	--	1
Erba Chem 5/Plus - (Your Analyzer)	1	--	--	--	1

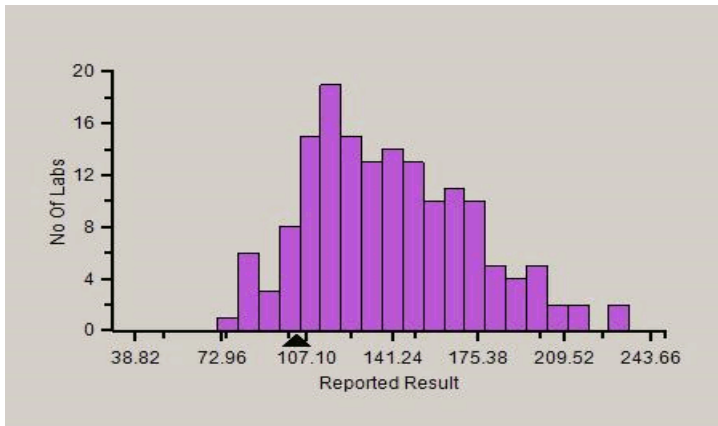
Evaluation Based On - Method wise Peer Grouping

Your Result	103.00	SDI / z-Score
Assigned Value	#	Average SDI
SDPA	#	Uncertainty of AV
Standard Unit Result Val	103.00 #	%DEV

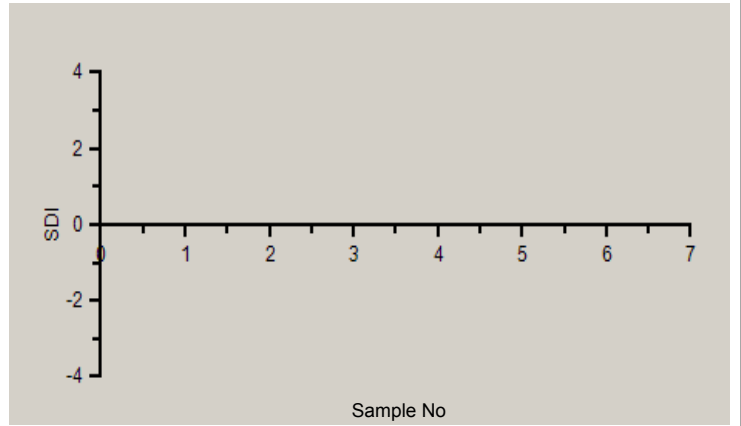
Note : # - Not evaluated / Bimodal distribution

X : SDI more than 4

Frequency Histogram



Z-Score Trend - Within Round



Frequency Histogram Your Method



Frequency Histogram Your Analyzer



Analyte Methodwise Result Report

Lab : 603

Cycle No : 220207

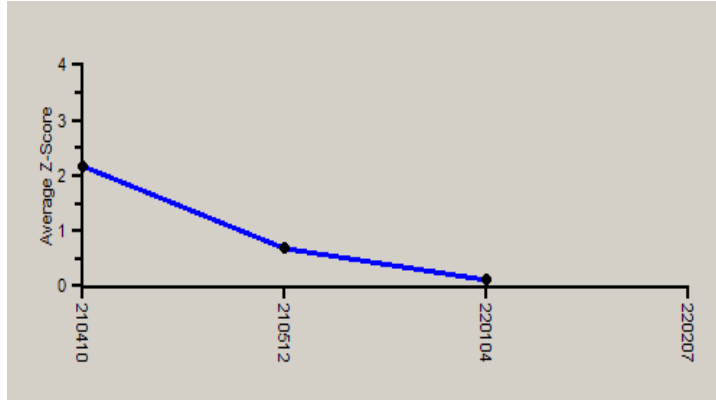
Lab Name : RIGHT CARE PATHOLOGY LAB

Sample No : 1

Report Date : 31/08/2022

Sample Date : 28-07-2022

Absolute Z-Score Average - Across Rounds



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

Comments :

Biochemistry, Chloride		N	Mean	SD	CV%	Excluded
	All Analyzer	169	140.85	33.89	24.06	10
Your Analyzer :	Erba Chem 5/Plus	1	--	--	--	1
	Roche cobas c 311	21	121.03	14.70	12.15	--
	Fuji Dri-Chem NX500/i	16	158.19	16.91	10.69	2
	Roche AVL 9180	14	150.96	37.89	25.10	--
	BeneSphera Electrolyte Analyzer	10	129.44	7.54	5.82	--
	EasyLyte	9	203.91	27.56	13.52	--
	Bene Sphera C73	9	148.33	16.97	11.44	--
	Roche cobas 6000	8	115.39	11.83	10.25	--
	Jokoh	7	142.89	23.80	16.66	--

Remarks: Interpretation of your reports

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