

LOTUS DIAGNOSTICS (562)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 220104 and Sample No 02

Report Date : 23/05/2022

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Calcium	Agappe Mispa ACE	11.00	mg/dl	3.72
! Bilirubin Direct	Agappe Mispa ACE	0.10	mg/dl	-2.96
! AST	Agappe Mispa ACE	24.40	U/L	2.63
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: _____

LOTUS DIAGNOSTICS (562)

Outlier And Analyte Summary Report

Result Details For Cycle No 220104 and Sample No 02

Report Date : 23/05/2022

Instrument : Agappe Mispa ACE

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	286.00	288.85	0.24	0.16
@ Urea	mg/dl	18.10	18.97	-0.33	-0.72
@ Creatinine	mg/dl	2.60	2.73	-1.35	0.02
@ Bilirubin Total	mg/dl	0.60	0.60	1.45	-0.61
! Bilirubin Direct	mg/dl	0.10	0.15	-2.96	-0.97
@ Total Protein	g/dL	8.30	8.24	-0.67	-0.50
@ ALT	U/L	9.10	8.20	-0.16	1.33
! AST	U/L	24.40	19.47	2.63	0.60
@ ALP	U/L	33.00	55.37	-0.69	0.42
@ Albumin	g/dL	5.40	5.19	1.07	-0.47
@ Uric Acid	mg/dl	4.30	4.44	1.62	3.32
X Calcium	mg/dl	11.00	7.80	3.72	0.60
@ Phosphorous Inorganic	mg/dl	3.70	3.76	0.67	0.19
@ Cholesterol	mg/dl	128.70	132.87	-0.68	-0.78
@ Triglycerides	mg/dl	114.30	116.80	-0.47	-1.05

Instrument : Mispa Ace

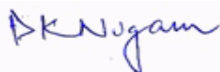
Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ HDL	mg/dl	29.10	--	-0.86	-0.76
@ GGT	U/L	19.00	--	-0.97	-0.07

Instrument : Sensa Core ST 200 plus

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Potassium	mmol/L	3.70	3.69	-0.01	-0.59

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	18
Not Evaluated Parameters	0
Evaluated Parameters	18
Outlier Parameters (X)	1
EQAS Score Biochemistry	94.44 %



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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name **LOTUS DIAGNOSTICS**

Lab No **14988**

Constituent Group **Chemistry I**

Date of Result Entered : **11/05/2022**

PT item **Lyophilized Serum**

Date of Report Published : **08/06/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	155	191.85	6.32	12.13	188.9 mg/dL	-0.24	1.95
2	UREA	Urease UV / GLDH	Agape	176	61.80	7.34	4.53	63 mg/dL	0.26	0.68
3	CREATININE	Enzymatic Colorimetric	Agape	60	2.40	6.59	0.16	2.4 mg/dL	0.00	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	140	3.70	8.92	0.33	3.9 mg/dL	0.61	0.06
5	T-PROTEIN	Biuret - Colorimetric	Agape	162	5.99	5.96	0.36	6 g/dL	0.03	0.06
6	ALBUMIN	BCG - colorimetric	Agape	166	3.72	6.29	0.23	3.7 g/dL	-0.09	0.04
7	CALCIUM	Arsenazo III	Agape	123	11.66	6.84	0.80	11.2 mg/dL	-0.58	0.14
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	86	5.32	7.70	0.41	5.3 mg/dL	-0.05	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	159	5.00	11.66	0.58	4.7 mg/dL	-0.51	0.09
10	CHOLESTEROL	CHOD-PAP	Agape	184	115.28	7.34	8.46	109.5 mg/dL	-0.68	1.25
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	164	100.69	7.09	7.14	100.1 mg/dL	-0.08	1.11
12	HDL CHO	Direct method / Enzymatic colorimetric	Agape	134	25.89	8.40	2.17	23.7 mg/dL	-1.01	0.38
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1024	139.25	3.38	4.71	144.7 mmol/L	1.16	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1002	4.58	5.70	0.26	4.8 mmol/L	0.84	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	785	102.75	4.07	4.18	98.9 mmol/L	-0.92	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	161	63.40	11.96	7.58	70.5 U/L	0.94	1.20
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	138	51.42	16.22	8.34	62.1 U/L	1.28	1.42
18	ALP	PNP AMP kinetic	Agape	77	116.48	16.77	19.53	79.8 U/L	-1.88	4.45
19	AMYLASE	CNPG3	Transasia / Erba	384	35.09	18.38	6.45	64.3 U/L	4.53	0.66
20	MAGNESIUM	Xylidyl Blue	Transasia / Erba	80	2.65	16.87	0.45	2.1 mg/dL	-1.23	0.10

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

LOTUS DIAGNOSTICS

SHOP NO-5 CHANDRESH CHS, NEXT TO LOTUS MULTI SPECIALITY HOSPITAL, OPP LAWRENCE SCHOOL DEVKI NAGAR MUMBAI

BORIVALI

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

******* End of Report *******