



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name **SDC DIAGNOSTIC CENTRE LLP** Lab No **4113**
Constituent Group **Chemistry I** Date of Result Entered : **11/03/2022**
PT item **Lyophilized Serum** Date of Report Published : **06/04/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	CPC (Turbochem 100 / 240 Prime	82	110.71	8.01	8.87	111 mg/dL	0.03	1.96
2	UREA	Urease UV / GLDH	CPC (Turbochem 100 / 240 Prime	67	82.80	8.50	7.04	85.53 mg/dL	0.39	1.72
3	CREATININE	Jaffes Kinetic - Alkaline picrate	CPC (Turbochem 100 / 240 Prime	62	4.11	10.23	0.42	3.96 mg/dL	-0.36	0.11
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	CPC (Turbochem 100 / 240 Prime	68	1.46	14.16	0.21	1.42 mg/dL	-0.19	0.05
5	T-PROTEIN	Biuret - Colorimetric	CPC (Turbochem 100 / 240 Prime	69	4.95	8.35	0.41	4.87 g/dL	-0.19	0.10
6	ALBUMIN	BCG - colorimetric	CPC (Turbochem 100 / 240 Prime	81	3.04	8.77	0.27	2.82 g/dL	-0.82	0.06
7	CALCIUM	Arsenazo III	CPC (Turbochem 100 / 240 Prime	55	8.88	9.14	0.81	8.3 mg/dL	-0.71	0.22
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	CPC (Turbochem 100 / 240 Prime	40	3.84	10.67	0.41	3.9 mg/dL	0.15	0.13
9	URIC ACID	Enzymatic / Uricase Colorimetric	CPC (Turbochem 100 / 240 Prime	69	8.01	7.98	0.64	7.7 mg/dL	-0.49	0.15
10	CHOLESTEROL	CHOD-PAP	CPC (Turbochem 100 / 240 Prime	72	106.60	9.17	9.77	100.93 mg/dL	-0.58	2.30
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC (Turbochem 100 / 240 Prime	69	208.85	8.88	18.55	212.96 mg/dL	0.22	4.47
12	HDL CHO	Direct method / Enzymatic colorimetric	CPC (Turbochem 100 / 240 Prime	48	25.17	17.04	4.29	18.3 mg/dL	-1.60	1.24
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	920	124.76	4.58	5.71	251.03 mmol/L	22.11	0.38
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	882	2.97	6.60	0.20	3.24 mmol/L	1.38	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	702	91.37	5.08	4.64	208.78 mmol/L	25.3	0.35
16	AST	UV kinetic(with & without PLP (P-5-P))	CPC (Turbochem 100 / 240 Prime	55	235.68	13.70	32.29	198.9 U/L	-1.14	8.71
17	ALT	UV kinetic(with & without PLP (P-5-P))	CPC (Turbochem 100 / 240 Prime	54	151.00	16.60	25.07	171 U/L	0.80	6.82
18	ALP	PNP AMP kinetic	CPC (Turbochem 100 / 240 Prime	56	199.11	13.66	27.19	169 U/L	-1.11	7.27
19	AMYLASE	CNPG3	CPC (Turbochem 100 / 240 Prime	27	74.97	12.28	9.20	64.7 U/L	-1.12	3.54
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	70	176.97	10.59	18.75	95 ug/dL	-4.37	4.48
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	171	2.45	16.63	0.41	4.4 mg/dL	4.79	0.06

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.
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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 *******