



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **SKY LAB DIAGNOSTIC SERVICES** Lab No **16496**
Constituent Group **Chemistry I** Date of Result Entered : **18/11/2022**
PT item **Lyophilized Serum** Date of Report Published : **06/12/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	763	313.45	7.18	22.50	300.32 mg/dL	-0.58	1.63
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	672	56.51	9.35	5.28	59.96 mg/dL	0.65	0.41
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	535	3.94	10.35	0.41	4.88 mg/dL	2.30	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	648	1.84	18.01	0.33	2.3 mg/dL	1.39	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	741	5.69	7.80	0.44	6.98 g/dL	2.93	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	743	3.43	8.07	0.28	3.88 g/dL	1.62	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	621	10.18	7.58	0.77	9.02 mg/dL	-1.50	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	440	4.29	14.40	0.62	4.09 mg/dL	-0.32	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	767	9.00	10.83	0.97	8.1 mg/dL	-0.92	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	749	116.64	7.85	9.16	120.85 mg/dL	0.46	0.67
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	742	220.65	8.78	19.38	272.57 mg/dL	2.68	1.42
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	521	28.19	15.91	4.49	26.33 mg/dL	-0.41	0.39
13	SODIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	170	137.57	3.79	5.21	140.4 mmol/L	0.54	0.80
14	POTASSIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	161	5.32	7.26	0.39	5.55 mmol/L	0.60	0.06
15	CHLORIDE	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	121	98.66	4.60	4.54	96.6 mmol/L	-0.45	0.83
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	667	155.52	11.05	17.18	145.25 U/L	-0.60	1.33
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	671	48.21	17.48	8.43	37.38 U/L	-1.28	0.65
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	503	139.79	15.45	21.59	134.3 U/L	-0.25	1.93

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 *******