



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name **HEALTH CARE PATH LAB** Lab No **16173**
 Constituent Group **Chemistry I** Date of Result Entered : **19/06/2022**
 PT item **Lyophilized Serum** Date of Report Published : **07/07/2022**

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)	716	141.52	7.11	10.06	150.65 mg/dL	0.91	0.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	93.03 mg/dL	0.95	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	504	7.75	11.21	0.87	8.59 mg/dL	0.97	0.08
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	207	5.80	11.36	0.66	6.43 mg/dL	0.96	0.09
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	4.53 g/dL	-0.33	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	2.84 g/dL	0.00	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	569	8.24	10.84	0.89	8.51 mg/dL	0.30	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	370	3.25	16.00	0.52	3.1 mg/dL	-0.29	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	9.1 mg/dL	-0.62	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	103.36 mg/dL	1.01	0.77
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	139.29 mg/dL	-0.50	1.06
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	26.05 mg/dL	0.77	0.37
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	53.12 U/L	0.65	0.49
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	101 U/L	0.58	1.36
15	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	441	344.26	14.94	51.42	477.54 U/L	2.59	4.90
16	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	456	36.72	17.85	6.55	33.95 U/L	-0.42	0.61

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 :

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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 *******