



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name	VILLOO POONAWALLA MEMORIAL HOSPITAL	Lab No	10424
Constituent Group	Chemistry I	Date of Result Entered :	20/06/2022
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	155 mg/dL	1.34	0.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	85.5 mg/dL	-0.05	0.60
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	119	8.24	8.03	0.66	7.5 mg/dL	-1.12	0.12
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	636	5.70	12.66	0.72	5.44 mg/dL	-0.36	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	4.27 g/dL	-0.80	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	2.8 g/dL	-0.15	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	569	8.24	10.84	0.89	6.3 mg/dL	-2.17	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	9 mg/dL	-0.73	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	99.4 mg/dL	0.63	0.77
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	131 mg/dL	-1.10	1.06
11	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	29 mg/dL	1.50	0.37
12	SODIUM	ISE - Indirect	Any Analyser	583	113.61	4.58	5.21	106.2 mmol/L	-1.42	0.43
13	POTASSIUM	ISE - Indirect	Any Analyser	561	2.07	11.27	0.23	1.91 mmol/L	-0.69	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	422	81.36	6.68	5.44	73.6 mmol/L	-1.43	0.53
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	50.8 U/L	0.28	0.49
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	102 U/L	0.64	1.36
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	262	411.96	13.48	55.45	454.54 U/L	0.77	6.85

18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	456	36.72	17.85	6.55	25.08 U/L	-1.78	0.61
19	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	152	3.11	17.61	0.55	2.19 mg/dL	-1.68	0.09

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 :

VILLOO POONAWALLA MEMORIAL HOSPITAL

NO.156, PLOT NO.1/3A+3B/1+2/3 PUNE - SOLAPUR ROAD NEAR SAVATI CORNER HADAPSAR

PUNE

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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 *****

Reviewed EQAS results.
 Satisfactory.
[Signature]
 8/7/2022