



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2022



Lab Name	NIRNAYA CLINICAL LABORATORY	Lab No	15228
Constituent Group	Chemistry I	Date of Result Entered :	17/01/2022
PT item	Lyophilized Serum	Date of Report Published :	07/02/2022

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)	599	131.85	7.51	9.90	128 mg/dl	-0.39	0.81
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	514	47.49	9.10	4.32	50.1 mg/dl	0.60	0.38
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	412	1.72	11.06	0.19	1.9 mg/dl	0.95	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	507	2.39	17.13	0.41	1.2 mg/dl	-2.9	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	579	5.05	9.57	0.48	5 g/dl	-0.10	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	584	3.12	9.63	0.30	3.3 g/dl	0.60	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	475	9.26	7.07	0.65	10.2 mg/dl	1.44	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	566	7.00	11.12	0.78	9 mg/dl	2.57	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	574	102.81	9.03	9.29	113 mg/dl	1.10	0.78
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	532	131.26	10.16	13.33	140 mg/dl	0.66	1.16
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	730	135.21	3.10	4.19	154 mmol/L	4.48	0.31
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	700	3.64	5.24	0.19	4.2 mmol/L	2.93	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	453	48.65	11.59	5.64	45.1 U/L	-0.63	0.53
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	432	102.89	17.83	18.35	83.8 U/L	-1.04	1.77
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	181	96.46	18.45	17.80	123 U/L	1.49	2.65

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 :

NIRNAYA CLINICAL LABORATORY

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**Dr. Pamela Christudoss
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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 *******