



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name **DR.GOPINATH AGNIHOTRAM,
BIOCHEMIST**

Lab No **1287**

Constituent Group **Chemistry I**

Date of Result Entered : **12/05/2022**

PT item **Lyophilized Serum**

Date of Report Published : **08/06/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	153	188.02	6.13	11.52	192 mg/dL	0.35	1.86
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	649	61.39	9.26	5.68	65 mg/dL	0.64	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	518	2.50	10.54	0.26	2.77 mg/dL	1.02	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	615	3.68	14.65	0.54	3.86 mg/dL	0.33	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	715	5.96	8.31	0.50	6.09 g/dL	0.26	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	727	3.52	8.48	0.30	3.56 g/dL	0.13	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	568	11.18	8.81	0.98	11.67 mg/dL	0.50	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	617	5.12	15.52	0.79	4.82 mg/dL	-0.38	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	712	120.28	8.16	9.81	121 mg/dL	0.07	0.74
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	693	108.59	12.47	13.55	111 mg/dL	0.18	1.03
11	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	453	27.91	13.77	3.84	28.4 mg/dL	0.13	0.36
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	649	65.06	14.17	9.22	66 U/L	0.10	0.72
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	606	47.67	19.49	9.29	47 U/L	-0.07	0.75
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	508	101.00	17.67	17.85	87 U/L	-0.78	1.58
15	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	106	93.88	10.06	9.44	87 ug/dL	-0.73	1.83

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 *****