



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name **GURU GREEN CROSS PATHOLOGY
LABORATORY- Medipolis**

Lab No **5387**

Constituent Group **Chemistry I**

Date of Result Entered : **15/06/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **04/07/2023**

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)	1157	123.88	6.67	8.26	123.3 mg/dL	-0.07	0.49
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	759	48.17	9.57	4.61	50.23 mg/dL	0.45	0.33
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	176	2.02	8.94	0.18	2.02 mg/dL	0.00	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1028	2.93	12.68	0.37	2.67 mg/dL	-0.70	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1151	5.92	7.83	0.46	5.9 g/dL	-0.04	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	829	3.54	7.30	0.26	3.7 g/dL	0.62	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	10.07	7.04	0.71	11 mg/dL	1.31	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	473	4.39	15.00	0.66	3.5 mg/dL	-1.35	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1029	5.37	15.52	0.83	5 mg/dL	-0.44	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1201	124.53	6.12	7.62	117 mg/dL	-0.99	0.44
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1112	176.08	8.42	14.82	202.7 mg/dL	1.80	0.89
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	862	29.06	13.00	3.78	32.5 mg/dL	0.91	0.26
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	134.5 mmol/L	0.04	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5.5 mmol/L	1.05	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	99 mmol/L	-0.67	0.27
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1094	66.44	12.71	8.45	64.1 U/L	-0.28	0.51
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1006	42.17	19.32	8.15	30.2 U/L	-1.47	0.51
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	938	105.30	10.80	11.37	120 U/L	1.29	0.74

19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	485	70.77	17.62	12.47	94 U/L	1.86	1.13
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	148	142.79	10.43	14.90	130 ug/dL	-0.86	2.45
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	211	2.46	14.27	0.35	1.96 mg/dL	-1.42	0.05

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
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***** End of Report *****