



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - APRIL 2023



PC-1024

Lab Name **GURU GREEN CROSS PATHOLOGY
LABORATORY- Medipolis** Lab No **5387**

Constituent Group **Chemistry I** Date of Result Entered : **11/04/2023**

PT item **Lyophilized human serum based** Date of Report Published : **08/05/2023**

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)	1042	149.08	6.86	10.22	153 mg/dL	0.38	0.63
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	706	38.03	10.55	4.01	39 mg/dL	0.24	0.30
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	167	2.90	9.03	0.26	2.7 mg/dL	-0.76	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	904	3.03	13.30	0.40	2.5 mg/dL	-1.32	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1024	5.63	8.55	0.48	5.8 g/dL	0.35	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	750	3.39	7.50	0.25	3.6 g/dL	0.83	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	927	10.77	10.17	1.10	11.8 mg/dL	0.94	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	385	3.54	14.97	0.53	2.5 mg/dL	-1.96	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1000	5.67	14.41	0.82	4.9 mg/dL	-0.94	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1078	120.85	10.87	13.13	112 mg/dL	-0.67	0.80
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1036	111.58	10.98	12.25	98 mg/dL	-1.11	0.76
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	742	29.95	20.73	6.21	33 mg/dL	0.49	0.46
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1181	131.83	3.23	4.26	132.7 mmol/L	0.20	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1175	5.43	5.95	0.32	5.8 mmol/L	1.15	0.02
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1031	86.19	17.90	15.42	95 U/L	0.57	0.96
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1049	66.71	17.40	11.61	57 U/L	-0.84	0.72
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	820	101.18	20.25	20.49	125 U/L	1.16	1.43
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	520	45.81	19.94	9.14	56 U/L	1.12	0.80

19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	154	160.91	14.75	23.73	150 ug/dL	-0.46	3.83
20	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	222	2.78	18.27	0.51	2.5 mg/dL	-0.55	0.07

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 *****