



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name **GURU GREEN CROSS PATHOLOGY LABORATORY- Medipolis** Lab No **5387**  
 Constituent Group **Chemistry I** Date of Result Entered : **16/02/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **08/03/2023**

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)	1075	123.23	8.16	10.05	139 mg/dL	1.57	0.61
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	648	129.71	8.40	10.90	121 mg/dL	-0.80	0.86
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	151	5.17	6.52	0.34	4.5 mg/dL	-1.99	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	821	1.58	18.29	0.29	1 mg/dL	-2.01	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1100	4.63	9.80	0.45	0.6 g/dL	-8.88	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.91	8.69	0.25	3.2 g/dL	1.15	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	896	10.41	6.97	0.72	10.4 mg/dL	-0.01	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	390	4.03	12.07	0.49	4.3 mg/dL	0.56	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1011	6.92	10.14	0.70	7.5 mg/dL	0.83	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1046	98.66	7.43	7.33	92 mg/dL	-0.91	0.45
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	988	87.48	8.82	7.72	90 mg/dL	0.33	0.49
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	714	28.16	19.26	5.42	21 mg/dL	-1.32	0.41
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1147	120.46	4.12	4.96	128 mmol/L	1.52	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1129	5.00	5.46	0.27	5.3 mmol/L	1.10	0.02
15	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	188	18.79	19.36	3.64	8 mmol/L	-2.96	0.53
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1021	190.14	15.11	28.72	181 U/L	-0.32	1.80
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1025	49.30	15.70	7.74	55 U/L	0.74	0.48
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	733	178.51	26.55	47.40	151 U/L	-0.58	3.50

19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation )	449	79.72	17.30	13.80	84 U/L	0.31	1.30
20	IRON	Ferrene ( No Protein Removal )	Any Analyser (Automation / Semi Automation )	119	95.69	10.53	10.07	78 ug/dL	-1.76	1.85
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation )	148	3.44	16.91	0.58	2 mg/dL	-2.48	0.10

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

## LAB ADDRESS :

GURU GREEN CROSS PATHOLOGY LABORATORY- Medipolis  
Fourth floor, A-2, Medipolis, Deesa highway, PALANPUR, NORTH GUJARAT  
PALANPUR  
GUJARAT385001

Coordinator Contact Details:  
Email:clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

*Pamela Christudoss*  
Dr. Pamela Christudoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore

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 \*\*\*\*\*