



# 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	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
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

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (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

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 \*\*\*\*\*