



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	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
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

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

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 *****