



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

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

Constituent Group **Chemistry I** Date of Result Entered : **10/01/2023**

PT item **Lyophilized human serum based** Date of Report Published : **09/02/2023**

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)	962	168.13	7.18	12.07	191 mg/dL	1.89	0.78
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	588	31.57	10.65	3.36	33.8 mg/dL	0.66	0.28
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	138	1.39	10.91	0.15	1.6 mg/dL	1.38	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	835	3.43	15.36	0.53	0.21 mg/dL	-6.08	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	956	5.25	9.77	0.51	5.8 g/dL	1.07	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	674	3.31	8.11	0.27	3.6 g/dL	1.08	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	865	9.49	6.54	0.62	10.5 mg/dL	1.63	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	398	5.93	12.66	0.75	5.6 mg/dL	-0.44	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	939	4.83	16.02	0.77	3.8 mg/dL	-1.33	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	974	113.44	5.89	6.68	110.7 mg/dL	-0.41	0.43
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	935	109.13	7.82	8.54	103.8 mg/dL	-0.62	0.56
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	780	30.17	20.45	6.17	27 mg/dL	-0.51	0.44
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	132.67	2.93	3.88	132.8 mmol/L	0.03	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	997	3.42	5.15	0.18	3.47 mmol/L	0.28	0.01
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	967	50.29	10.00	5.03	59.8 U/L	1.89	0.32
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	958	57.78	13.00	7.51	66 U/L	1.09	0.49
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	793	101.50	10.81	10.97	139 U/L	3.42	0.78
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	439	43.41	18.75	8.14	40 U/L	-0.42	0.78

19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	109	161.18	10.71	17.26	192.6 ug/dL	1.82	3.31
20	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	212	2.32	18.02	0.42	2.87 mg/dL	1.32	0.06

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.

LAB ADDRESS :

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

Pamela Christudoss

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 *****