



# 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	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
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

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 :

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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 \*\*\*\*\*