



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name **GURU GREEN CROSS PATHOLOGY  
LABORATORY- Medipolis**

Lab No **5387**

Constituent Group **Chemistry I**

Date of Result Entered : **13/05/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **05/06/2023**

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)	1095	246.36	5.38	13.26	257 mg/dL	0.80	0.80
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	738	76.52	9.33	7.14	76.8 mg/dL	0.04	0.53
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	171	1.55	8.19	0.13	1.5 mg/dL	-0.39	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	963	3.96	12.75	0.50	3.9 mg/dL	-0.12	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1107	5.11	8.61	0.44	5.2 g/dL	0.20	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	827	3.17	8.64	0.27	3.2 g/dL	0.11	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	9.49	6.34	0.60	9.9 mg/dL	0.68	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	465	5.43	11.40	0.62	6.5 mg/dL	1.73	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1080	8.40	9.77	0.82	8.45 mg/dL	0.06	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1116	111.09	7.11	7.89	107 mg/dL	-0.52	0.47
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1078	135.39	6.22	8.43	153 mg/dL	2.09	0.51
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	838	25.33	14.17	3.59	27 mg/dL	0.47	0.25
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1209	134.44	3.09	4.16	138.5 mmol/L	0.98	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1220	3.12	5.73	0.18	3.1 mmol/L	-0.11	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1011	98.34	4.20	4.14	98.5 mmol/L	0.04	0.26

16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1086	145.65	12.19	17.75	137 U/L	-0.49	1.08
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1087	75.41	12.30	9.28	67 U/L	-0.91	0.56
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	904	298.80	13.40	40.05	344 U/L	1.13	2.66
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation )	473	89.54	17.40	15.58	119 U/L	1.89	1.43
20	IRON	Ferrene ( No Protein Removal )	Any Analyser (Automation / Semi Automation )	128	83.71	14.16	11.85	76 ug/dL	-0.65	2.10
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation )	233	2.12	14.66	0.31	2.6 mg/dL	1.54	0.04

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 \*\*\*\*\*