



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - FEBRUARY 2024



Lab Name **GURUNANAK DIAGNOSTICS**

Lab No **9555**

Constituent Group **Chemistry I**

Date of Result Entered : **18/02/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **05/03/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Biosystems	317	252.34	4.10	10.35	231.96 mg/dL	-1.97	1.16
2	UREA	Urease UV / GLDH	Biosystems	309	60.93	7.64	4.66	50.1 mg/dL	-2.33	0.53
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation )	279	5.29	10.89	0.58	5.6 mg/dL	0.54	0.07
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	1022	2.84	16.53	0.47	2.6 mg/dL	-0.51	0.03
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	326	5.41	6.58	0.36	4.7 g/dL	-1.99	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	315	3.21	7.85	0.25	3.1 g/dL	-0.44	0.03
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	91	3.74	10.74	0.40	5.5 mg/dL	4.4	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	308	7.95	7.40	0.59	8 mg/dL	0.08	0.07
9	CHOLESTEROL	CHOD-PAP	Biosystems	334	115.74	5.78	6.69	111 mg/dL	-0.71	0.73
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	298	191.15	5.98	11.43	178 mg/dL	-1.15	1.32
11	HDL	Precipitation method	Any Analyser (Automation / Semi Automation )	116	29.14	14.15	4.12	44.2 mg/dL	3.66	0.77
12	SODIUM	ISE - Indirect	Any Analyser	520	127.38	2.95	3.76	127.3 mmol/L	-0.02	0.33
13	POTASSIUM	ISE - Indirect	Any Analyser	499	4.73	5.27	0.25	4.54 mmol/L	-0.76	0.02
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	316	74.19	10.66	7.91	82 U/L	0.99	0.89
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	314	96.36	12.87	12.40	95 U/L	-0.11	1.40
16	ALP	PNP AMP kinetic	Biosystems	307	92.78	11.41	10.59	77 U/L	-1.49	1.21

u\* - Method of Uncertainty

Z-Score	Interpretation
z  ≤ 2.0	Acceptable

2.0 <  z  < 3.0	Warning Signal
z  ≥ 3.0	Unacceptable (action Signal)

**LAB ADDRESS :**

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*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 \*\*\*\*\***