



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **SOUTH ZONE HOSPITALS & RESEARCH CENTRE**Lab No **17471**Constituent Group **Chemistry I**Date of Result Entered : **09/01/2024**PT item **Lyophilized human serum based**Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	205	130.08	6.37	8.28	126.25 mg/dL	-0.46	1.16
2	UREA	Urease UV / GLDH	Agape	196	37.73	7.10	2.68	36.66 mg/dL	-0.40	0.38
3	CREATININE	Enzymatic Colorimetric	Agape	84	1.69	8.70	0.15	1.69 mg/dL	0.00	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Agape	172	2.18	10.01	0.22	2.04 mg/dL	-0.64	0.03
5	T-PROTEIN	Biuret - Colorimetric	Agape	210	5.19	6.14	0.32	5.38 g/dL	0.60	0.04
6	ALBUMIN	BCG - colorimetric	Agape	200	3.40	6.55	0.22	3.38 g/dL	-0.09	0.03
7	CALCIUM	Arsenazo III	Agape	160	9.30	5.32	0.50	9.07 mg/dL	-0.46	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	103	5.97	5.38	0.32	5.95 mg/dL	-0.06	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	200	4.94	8.32	0.41	4.77 mg/dL	-0.41	0.06
10	CHOLESTEROL	CHOD-PAP	Agape	203	103.74	7.88	8.17	98.37 mg/dL	-0.66	1.15
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	211	145.77	6.49	9.45	151.65 mg/dL	0.62	1.30
12	HDL	Direct method / Enzymatic colorimetric	Agape	166	26.50	9.35	2.48	37.08 mg/dL	4.27	0.38
13	AST	UV kinetic(with & without PLP (P-5-P))	Agape	201	101.58	8.81	8.95	90.53 U/L	-1.23	1.26
14	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	206	43.54	15.26	6.64	24.15 U/L	-2.92	0.93
15	ALP	PNP AMP kinetic	Agape	110	219.42	15.81	34.69	215.8 U/L	-0.10	6.61

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 :

**SOUTH ZONE HOSPITALS & RESEARCH CENTRE  
CHANDANAM PLAZA, GURUVAYOOR ROAD, KUNNAMKULAM  
THRISSUR  
KERALA680503**

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