



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name **SOUTH ZONE HOSPITALS & RESEARCH CENTRE**

Lab No **17471**

Constituent Group **Chemistry I**

Date of Result Entered : **13/02/2024**

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	Agape	209	257.71	6.67	17.20	252.42 mg/dL	-0.31	2.38
2	UREA	Urease UV / GLDH	Agape	218	64.51	7.34	4.74	59.09 mg/dL	-1.14	0.64
3	CREATININE	Enzymatic Colorimetric	Agape	90	5.81	5.95	0.35	5.81 mg/dL	0.00	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	194	2.94	10.85	0.32	2.86 mg/dL	-0.25	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	221	5.38	5.82	0.31	5.57 g/dL	0.61	0.04
6	ALBUMIN	BCG - colorimetric	Agape	210	3.43	5.86	0.20	3.39 g/dL	-0.20	0.03
7	CALCIUM	Arsenazo III	Agape	163	10.88	6.93	0.75	10.66 mg/dL	-0.29	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	111	3.81	7.93	0.30	3.86 mg/dL	0.17	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	216	7.68	6.07	0.47	7.63 mg/dL	-0.11	0.06
10	CHOLESTEROL	CHOD-PAP	Agape	228	107.67	7.95	8.56	105.75 mg/dL	-0.22	1.13
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	221	187.73	6.28	11.79	187.73 mg/dL	0.00	1.59
12	HDL	Direct method / Enzymatic colorimetric	Agape	193	27.40	8.70	2.38	26.6 mg/dL	-0.34	0.34
13	AST	UV kinetic(with & without PLP (P-5-P))	Agape	224	66.50	9.85	6.55	66.94 U/L	0.07	0.88
14	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	225	95.02	16.83	15.99	101.01 U/L	0.37	2.13
15	ALP	PNP AMP kinetic	Agape	113	105.41	19.31	20.36	104.91 U/L	-0.02	3.83

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
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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 *******