



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2023



PC-1024

Lab Name **SOUTH ZONE HOSPITALS & RESEARCH CENTRE**Lab No **17471**Constituent Group **Chemistry I**Date of Result Entered : **11/12/2023**PT item **Lyophilized human serum based**Date of Report Published : **02/01/2024**

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	210	206.33	5.24	10.81	201.72 mg/dL	-0.43	1.49
2	UREA	Urease UV / GLDH	Agape	227	108.28	6.64	7.19	107.46 mg/dL	-0.11	0.95
3	CREATININE	Enzymatic Colorimetric	Agape	82	7.72	7.60	0.59	8.06 mg/dL	0.58	0.13
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	190	2.10	11.36	0.24	1.98 mg/dL	-0.50	0.03
5	T-PROTEIN	Biuret - Colorimetric	Agape	236	5.59	5.87	0.33	5.54 g/dL	-0.15	0.04
6	ALBUMIN	BCG - colorimetric	Agape	223	3.51	5.16	0.18	3.44 g/dL	-0.39	0.02
7	CALCIUM	Arsenazo III	Agape	177	11.13	6.64	0.74	10.83 mg/dL	-0.41	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	115	5.96	6.58	0.39	5.8 mg/dL	-0.41	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	243	6.97	7.50	0.52	6.54 mg/dL	-0.82	0.07
10	CHOLESTEROL	CHOD-PAP	Agape	237	114.41	8.24	9.42	105.49 mg/dL	-0.95	1.22
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	240	115.61	9.43	10.90	114.94 mg/dL	-0.06	1.41
12	HDL	Direct method / Enzymatic colorimetric	Agape	190	25.86	9.02	2.33	26.54 mg/dL	0.29	0.34
13	AST	UV kinetic(with & without PLP (P-5-P))	Agape	231	88.34	8.92	7.88	82.38 U/L	-0.76	1.04
14	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	238	55.20	13.35	7.37	39.94 U/L	-2.07	0.96
15	ALP	PNP AMP kinetic	Agape	134	185.31	16.10	29.84	186.55 U/L	0.04	5.16

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 *******