



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2024



PC-1024

Lab Name **GALAXY IMAGING & PATH LAB** Lab No **19383**
 Constituent Group **Chemistry I** Date of Result Entered : **09/04/2024**
 PT item **Lyophilized human serum based** Date of Report Published : **08/05/2024**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Transasia / Erba	1047	129.79	5.69	7.38	133.4 mg/dL	0.49	0.46
2	UREA	Urease UV / GLDH	Transasia / Erba	1040	37.59	8.74	3.29	38.8 mg/dL	0.37	0.20
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	550	1.70	7.69	0.13	1.73 mg/dL	0.23	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	980	2.09	12.23	0.26	1.93 mg/dL	-0.62	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1065	5.29	7.34	0.39	5.28 g/dL	-0.03	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1064	3.27	5.90	0.19	3.3 g/dL	0.16	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	753	9.09	7.84	0.71	9 mg/dL	-0.13	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1048	4.91	9.31	0.46	5.3 mg/dL	0.85	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1066	104.18	8.57	8.92	100 mg/dL	-0.47	0.55
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1018	129.79	8.57	11.12	127.3 mg/dL	-0.22	0.70
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	787	26.26	10.42	2.74	22.8 mg/dL	-1.27	0.19
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1399	130.90	3.46	4.53	130.25 mmol/L	-0.14	0.24
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1411	3.21	6.33	0.20	3.2 mmol/L	-0.05	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1146	95.31	4.89	4.66	94.65 mmol/L	-0.14	0.28
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	988	102.05	9.54	9.74	42.5 U/L	-6.11	0.62
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	809	39.34	12.91	5.08	107 U/L	13.32	0.36
17	ALP	PNP AMP kinetic	Transasia / Erba	842	179.75	12.70	22.83	196 U/L	0.71	1.57

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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**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 *******