

CHRISTIAN MEDICAL COLLEGE  
DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - October 2022

Lab Name ANNAI DIAGNOSTICS  
Constituent Group Chemistry I  
PT item Lyophilized Serum


Lab No 4973  
Date of Result Entered : 14/10/2022  
Date of Report Published : 03/11/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	916	114.55	6.42	7.35	116.6 mg/dL	0.28	0.49
2	UREA	Urease UV / GLDH	Transasia / Erba	895	130.44	7.26	9.47	130.8 mg/dL	0.04	0.63
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	459	8.52	6.66	0.57	8.9 mg/dL	0.67	0.05
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	929	5.76	9.20	0.53	6.9 mg/dL	2.15	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	946	5.83	7.82	0.46	6 g/dL	0.37	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	951	3.31	5.80	0.19	3.2 g/dL	-0.57	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	676	10.97	8.99	0.99	12 mg/dL	1.04	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	439	7.14	9.90	0.71	7.5 mg/dL	0.51	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	940	6.56	9.17	0.60	6.8 mg/dL	0.40	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	918	105.66	8.20	8.66	104 mg/dL	-0.19	0.57
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	887	117.66	8.49	9.99	148.7 mg/dL	3.11	0.67
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	704	27.93	11.08	3.10	33.8 mg/dL	1.90	0.23
13	SODIUM	ISE - Direct	Transasia / Erba	201	129.99	3.00	3.90	139.8 mmol/L	2.51	0.55
14	POTASSIUM	ISE - Direct	Transasia / Erba	212	4.32	4.40	0.19	4.54 mmol/L	1.16	0.03
15	CHLORIDE	ISE - Direct	Transasia / Erba	144	97.48	3.90	3.80	108.7 mmol/L	2.95	0.63
16	BICARBONATE	Enzymatic - PEPC ( Phosphoenolpyruvate )	Any Analyser (Automation / Semi Automation )	173	18.58	19.54	3.63	13 mmol/L	-1.54	0.55
17	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	844	38.01	14.25	5.42	36.8 U/L	-0.22	0.37
18	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	819	276.92	16.40	45.41	281.2 U/L	0.09	3.17
19	ALP	PNP AMP kinetic	Transasia / Erba	816	209.35	15.19	31.81	157 U/L	-1.65	2.23
20	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	179	99.95	14.51	14.50	153.2 U/L	3.67	2.17

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. 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 \*\*\*\*\*