



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name **VIVID DIAGNOSTIC CENTRE** Lab No **18067**  
 Constituent Group **Chemistry I** Date of Result Entered : **17/05/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **05/06/2023**

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	957	256.55	5.99	15.38	244.5 mg/dL	-0.78	0.99
2	UREA	Urease UV / GLDH	Transasia / Erba	938	78.15	7.38	5.77	79.4 mg/dL	0.22	0.38
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	483	1.55	7.15	0.11	1.62 mg/dL	0.63	0.01
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	973	4.04	9.87	0.40	3.6 mg/dL	-1.10	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	950	5.35	7.84	0.42	5.9 g/dL	1.31	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	985	3.17	5.51	0.18	3.3 g/dL	0.74	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	710	9.56	8.81	0.84	10 mg/dL	0.52	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	453	5.67	8.85	0.50	5.2 mg/dL	-0.94	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	910	8.77	7.20	0.63	8.9 mg/dL	0.21	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	965	104.58	7.53	7.88	102.1 mg/dL	-0.31	0.51
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	924	115.34	8.86	10.22	114.1 mg/dL	-0.12	0.67
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	24.66	10.89	2.68	20.1 mg/dL	-1.70	0.20
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1209	134.44	3.09	4.16	135.9 mmol/L	0.35	0.24
14	POTASSIUM	ISE - Indirect	Any Analyser	543	3.15	5.97	0.19	3.4 mmol/L	1.33	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1011	98.34	4.20	4.14	102.4 mmol/L	0.98	0.26
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	906	139.68	10.13	14.15	140.1 U/L	0.03	0.94
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	907	76.70	15.69	12.04	77 U/L	0.02	0.80
18	ALP	PNP AMP kinetic	Transasia / Erba	878	299.55	15.52	46.49	290.1 U/L	-0.20	3.14

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 :

**VIVID DIAGNOSTIC CENTRE**  
**GROUND FLOOR, AVIS BUILDING, CHANTHAPURA**  
**KODUNGALLOOR**

**KERALA680664**

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