



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JUNE 2024



Lab Name **SIDDHA REGIONAL RESEARCH INSTITUTE**

Lab No **18601**

Constituent Group **Chemistry I**

Date of Result Entered : **06/06/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **27/06/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Transasia / Erba	1121	320.64	6.70	21.49	317 mg/dL	-0.17	1.28
2	UREA	Urease UV / GLDH	Transasia / Erba	1081	79.92	8.37	6.69	79.2 mg/dL	-0.11	0.41
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	518	1.76	10.76	0.19	1.81 mg/dL	0.26	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	1091	2.49	10.68	0.27	2.41 mg/dL	-0.30	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1121	5.52	7.05	0.39	5.52 g/dL	0.00	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1102	3.33	5.62	0.19	3.29 g/dL	-0.21	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	791	10.00	7.00	0.70	9.5 mg/dL	-0.71	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1076	3.66	9.89	0.36	3.5 mg/dL	-0.44	0.02
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1110	109.19	8.42	9.19	102 mg/dL	-0.78	0.55
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1075	83.71	13.03	10.90	78.9 mg/dL	-0.44	0.67
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	883	26.79	12.02	3.22	26.4 mg/dL	-0.12	0.22
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1028	76.47	10.30	7.88	81.1 U/L	0.59	0.49
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1047	200.40	20.07	40.23	262.2 U/L	1.54	2.49
14	ALP	PNP AMP kinetic	Transasia / Erba	1000	44.83	20.18	9.05	42 U/L	-0.31	0.57

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 :**

**SIDDHA REGIONAL RESEARCH INSTITUTE  
ASSISTANT DIRECTOR, POOJAPPURA  
THRIUVANANTHAPURAM  
KERALA695012**

Coordinator Contact Details:  
Email:clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

*Pamela Christudoss*  
Dr. Pamela Christudoss  
CMC EQAS Coordinator  
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 \*\*\*\*\*