



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MAY 2023



Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
Constituent Group **Chemistry II** Date of Result Entered : **20/05/2023**
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 II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1709	184.53	10.03	18.52	200 mg/dL	0.84	0.90
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1073	23.36	18.33	4.28	20 mg/dL	-0.78	0.26
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1204	6.39	12.90	0.82	6.1 mg/dL	-0.35	0.05
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1404	2.25	19.00	0.43	3.1 mg/dL	1.99	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1317	5.73	10.10	0.58	5.5 g/dL	-0.40	0.03
6	ALBUMIN II	Others (BCP / Immuno turbidimetric) II	Roche Integra Series / Siemens series	48	3.36	12.00	0.40	3.6 g/dL	0.60	0.12
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1420	6.73	13.62	0.92	5.7 mg/dL	-1.12	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1617	122.39	10.60	12.97	124 mg/dL	0.12	0.65
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1411	133.22	13.93	18.56	139 mg/dL	0.31	0.99

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 :

THE CALCUTTA CLINICAL LABORATORY
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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 *****



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Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
Constituent Group **Thyroid Hormones & Cortisol** Date of Result Entered : **20/05/2023**
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	TOTAL THYROXINE	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	347	12.73	9.48	1.21	14.12 ug/dL	1.15	0.13
2	TSH	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	399	2.79	12.73	0.36	3.26 uIU/mL	1.32	0.04
3	TOTAL T3	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	320	108.63	14.40	15.64	156.2 ng/dL	3.04	1.75

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.

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Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
 Constituent Group **HbA1c** Date of Result Entered : **20/05/2023**
 PT item **Lyophilized human whole blood 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	HbA1c	HPLC-Ion Exchange	Any Analyser	164	5.32	9.19	0.49	4.8 %	-1.06	0.08

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.

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