



# CHRISTIAN MEDICAL COLLEGE

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



Lab Name **TATA 1MG Labs Dehradun** Lab No **15585**  
 Constituent Group **HbA1c** Date of Result Entered : **10/05/2023**  
 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	Tosoh G8 - HPLC / HPLC-723G8)	185	5.43	5.67	0.31	5.1 %	-1.07	0.05

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

#### LAB ADDRESS :

**TATA 1MG Labs Dehradun**  
**2Nd Floor ,Plot No. 1072,Ashirwad Tower,Ballupur Road,Chakrata Road, Sunder Vihar, ,Uttarakhand,**  
**Dehradun**  
**UTTARAKHAND248001**

Coordinator Contact Details:  
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 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 \*\*\*\*\*





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DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name **TATA 1MG Labs Dehradun** Lab No **15585**  
 Constituent Group **Chemistry I** Date of Result Entered : **10/05/2023**  
 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	Hexokinase	Siemens ( Advia Series / Dimension Series )	104	244.98	3.25	7.96	233 mg/dL	-1.51	1.56
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	126	78.57	4.74	3.72	79.18 mg/dL	0.16	0.66
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens ( Advia Series / Dimension Series )	109	1.67	6.03	0.10	1.74 mg/dL	0.69	0.02
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	247	4.13	11.79	0.49	4.8 mg/dL	1.38	0.06
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	121	4.76	3.40	0.16	4.7 g/dL	-0.37	0.03
6	ALBUMIN	BCG - colorimetric	Siemens ( Advia Series / Dimension Series )	51	2.92	5.38	0.16	3 g/dL	0.51	0.04
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	968	9.49	6.34	0.60	9.1 mg/dL	-0.65	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Siemens ( Advia Series / Dimension Series )	69	5.39	4.84	0.26	5.54 mg/dL	0.57	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	116	8.15	3.57	0.29	8.1 mg/dL	-0.17	0.05
10	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	124	86.14	6.23	5.36	116 mg/dL	5.57	0.96
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	120	135.12	4.50	6.08	155 mg/dL	3.27	1.11
12	HDL	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	111	24.69	8.36	2.06	22.7 mg/dL	-0.96	0.39
13	SODIUM	ISE - Direct	Transasia / Erba	232	134.64	3.05	4.10	132 mmol/L	-0.64	0.54
14	POTASSIUM	ISE - Direct	Transasia / Erba	220	3.12	5.22	0.16	2.88 mmol/L	-1.47	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	176	98.20	3.62	3.55	97.9 mmol/L	-0.08	0.54
16	AST	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	112	174.86	5.11	8.94	156 U/L	-2.11	1.69
17	ALT	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	113	89.00	10.69	9.51	90 U/L	0.11	1.79

18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	391	348.86	17.23	60.10	389 U/L	0.67	6.08
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Siemens ( Advia Series / Dimension Series )	18	88.24	5.27	4.65	115 U/L	5.76	2.19
20	IRON	Ferro Zine ( No Protein Removal )	Any Analyser (Automation / Semi Automation )	354	76.62	5.26	4.03	78 ug/dL	0.34	0.43

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