



CHRISTIAN MEDICAL COLLEGE

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



Lab Name **BIOLINE LABORATORY** Lab No **6859**
Constituent Group **HbA1c** Date of Result Entered : **20/03/2023**
PT Item **Lyophilized human whole blood based** Date of Report Published : **04/04/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	694	5.62	3.20	0.18	6 %	2.11	0.01

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 :

BIOLINE LABORATORY

6,7 & 15 Dolly Arcade, New Nagole, LB Nagar, Hyderabad - 500068, Telangana Ph:040-40033700

HYDERABAD

TELANGANA500068

Pamela Christudoss

Coordinator Contact Details:
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Contact Number: 0416-2283102

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2023



Lab Name **BIOLINE LABORATORY**

Lab No **6859**

Constituent Group **Chemistry I**

Date of Result Entered : **20/03/2023**

PT Item **Lyophilized human serum based**

Date of Report Published : **04/04/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	328.95	3.10	10.21	336 mg/dL	0.69	1.20
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	300	56.77	5.60	3.18	57 mg/dL	0.07	0.37
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	260	2.00	6.06	0.12	1.98 mg/dL	-0.17	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	5.12	5.79	0.30	5.03 mg/dL	-0.30	0.03
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	300	4.95	4.43	0.22	4.8 g/dL	-0.68	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	3.29	4.35	0.14	3.3 g/dL	0.07	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	234	9.29	3.48	0.32	9.4 mg/dL	0.34	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	236	8.52	3.64	0.31	8.3 mg/dL	-0.71	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	3.69	4.34	0.16	3.6 mg/dL	-0.56	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	304	104.83	4.34	4.55	103 mg/dL	-0.40	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	153.82	3.97	6.10	154.2 mg/dL	0.06	0.73
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400	282	22.59	4.46	1.01	23 mg/dL	0.41	0.12

			plus, C501, C502, C702							
13	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	191	140.17	3.94	5.53	144 mmol/L	0.69	0.80
14	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	194	4.23	5.25	0.22	4.47 mmol/L	1.08	0.03
15	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	155	97.58	3.91	3.82	93.3 mmol/L	-1.12	0.61
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	46	21.50	10.06	2.16	21.8 mmol/L	0.14	0.64
17	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	69.81	6.24	4.35	67.4 U/L	-0.55	0.51
18	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	216.81	9.02	19.55	206.7 U/L	-0.52	2.28
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	44.07	7.17	3.16	43.6 U/L	-0.15	0.37
20	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	167	131.35	4.16	5.46	129.3 U/L	-0.38	0.85
21	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	136	117.95	5.80	6.85	123.1 ug/dL	0.75	1.17
22	UIBC	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	55	117.82	7.98	9.40	99.3 ug/dL	-1.97	2.54
23	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	112	1.39	5.76	0.08	1.48 mg/dL	1.12	0.02

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Beyond ±3.0	Unacceptable performance. Action Signal.

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