



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
Constituent Group **Chemistry I** Date of Result Entered : **15/11/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/12/2023**

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	983	95.74	6.30	6.03	98.2 mg/dL	0.41	0.38
2	UREA	Urease UV / GLDH	Transasia / Erba	926	92.07	7.06	6.50	95.2 mg/dL	0.48	0.43
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	500	1.13	8.99	0.10	1.16 mg/dL	0.29	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	954	8.04	8.84	0.71	8.1 mg/dL	0.08	0.05
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	999	4.22	9.05	0.38	4.04 g/dL	-0.47	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	967	2.56	6.73	0.17	2.68 g/dL	0.70	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	667	8.32	8.77	0.73	9.7 mg/dL	1.89	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	879	3.53	8.85	0.31	3.5 mg/dL	-0.10	0.02
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	944	70.16	11.67	8.19	74 mg/dL	0.47	0.53
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	947	152.99	7.31	11.18	151 mg/dL	-0.18	0.73
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	20.92	13.49	2.82	20 mg/dL	-0.33	0.21
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	969	104.82	12.06	12.64	106.5 U/L	0.13	0.81
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	860	29.21	17.70	5.17	28.5 U/L	-0.14	0.35
14	ALP	PNP AMP kinetic	Transasia / Erba	916	90.43	18.44	16.68	89 U/L	-0.09	1.10

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 :

GLOBAL DIAGNOSTICS

Plot No-1492,Ground Floor.Opp The Bike Affair,HT Road,Rajarajeswari Nagar,Kondapur.

RANGA REDDY

TELANGANA500084

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
Constituent Group **Chemistry I** Date of Result Entered : **16/10/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/11/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	977	375.70	5.92	22.24	372.9 mg/dL	-0.13	1.42
2	UREA	Urease UV / GLDH	Transasia / Erba	959	43.19	8.83	3.81	43.9 mg/dL	0.19	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	487	7.52	5.31	0.40	7.33 mg/dL	-0.48	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	950	1.30	14.34	0.19	1.27 mg/dL	-0.16	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	974	5.15	7.24	0.37	5.01 g/dL	-0.38	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.10	4.94	0.15	3.24 g/dL	0.92	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	11.65	7.89	0.92	12.1 mg/dL	0.49	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	951	10.95	8.33	0.91	11.5 mg/dL	0.60	0.06
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1001	99.45	8.00	7.95	97 mg/dL	-0.31	0.50
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	829	62.88	11.26	7.08	55.6 mg/dL	-1.03	0.49
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	25.99	11.80	3.07	23.5 mg/dL	-0.81	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	966	95.96	10.06	9.65	93.5 U/L	-0.25	0.62
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	923	123.06	14.72	18.12	116.5 U/L	-0.36	1.19
14	ALP	PNP AMP kinetic	Transasia / Erba	837	457.83	15.22	69.68	455 U/L	-0.04	4.82

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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GLOBAL DIAGNOSTICS

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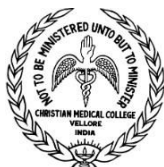
Pamela Christudoss

Coordinator Contact Details:
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Contact Number: 0416-2283102

Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

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DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
Constituent Group **Chemistry I** Date of Result Entered : **19/09/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/10/2023**

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	955	214.38	5.75	12.32	211.3 mg/dL	-0.25	0.80
2	UREA	Urease UV / GLDH	Transasia / Erba	943	112.33	7.49	8.41	103.9 mg/dL	-1.00	0.55
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	501	7.94	5.57	0.44	7.76 mg/dL	-0.41	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	1.95	12.89	0.25	1.93 mg/dL	-0.08	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	966	5.78	7.23	0.42	5.57 g/dL	-0.50	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1000	3.42	5.18	0.18	3.49 g/dL	0.40	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	711	10.68	7.21	0.77	10.9 mg/dL	0.29	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	987	7.30	8.21	0.60	7.6 mg/dL	0.50	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	991	116.86	7.90	9.24	115 mg/dL	-0.20	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	905	94.35	12.17	11.48	84.5 mg/dL	-0.86	0.76
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	762	27.49	11.10	3.05	25.7 mg/dL	-0.59	0.22
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	965	92.85	10.15	9.42	94.3 U/L	0.15	0.61
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	948	53.35	13.79	7.36	54.4 U/L	0.14	0.48
14	ALP	PNP AMP kinetic	Transasia / Erba	914	155.19	15.33	23.79	141 U/L	-0.60	1.57

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
Constituent Group **Chemistry I** Date of Result Entered : **17/08/2023**
PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

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	971	67.10	7.19	4.82	69.2 mg/dL	0.44	0.31
2	UREA	Urease UV / GLDH	Transasia / Erba	941	18.54	11.04	2.05	17.5 mg/dL	-0.51	0.13
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	498	0.78	11.68	0.09	0.81 mg/dL	0.33	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	891	0.78	17.35	0.14	0.83 mg/dL	0.37	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	5.93	7.09	0.42	5.91 g/dL	-0.05	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1015	3.50	5.51	0.19	3.62 g/dL	0.62	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	702	9.86	7.57	0.75	10.4 mg/dL	0.72	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	943	3.89	8.59	0.33	3.8 mg/dL	-0.27	0.02
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	981	120.52	7.26	8.74	119 mg/dL	-0.17	0.56
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	921	95.56	11.05	10.56	90.1 mg/dL	-0.52	0.70
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	28.87	10.70	3.09	30.1 mg/dL	0.40	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	964	33.97	13.39	4.55	31.6 U/L	-0.52	0.29
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	886	26.00	17.22	4.48	22.1 U/L	-0.87	0.30
14	ALP	PNP AMP kinetic	Transasia / Erba	929	107.17	15.28	16.38	102 U/L	-0.32	1.07

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
Constituent Group **Chemistry I** Date of Result Entered : **16/07/2023**
PT item **Lyophilized human serum based** Date of Report Published : **07/08/2023**

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	958	290.09	5.86	17.01	308 mg/dL	1.05	1.10
2	UREA	Urease UV / GLDH	Transasia / Erba	936	65.47	7.64	5.00	69.4 mg/dL	0.79	0.33
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	477	4.42	5.66	0.25	4.71 mg/dL	1.16	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	949	3.51	9.32	0.33	3.79 mg/dL	0.86	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	968	6.14	6.87	0.42	6.45 g/dL	0.73	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	983	3.59	5.24	0.19	3.69 g/dL	0.53	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	10.28	7.24	0.74	10.5 mg/dL	0.30	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	932	6.10	7.64	0.47	6.6 mg/dL	1.07	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	936	121.13	6.92	8.38	123 mg/dL	0.22	0.55
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	692	138.26	7.58	10.48	132.1 mg/dL	-0.59	0.80
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	726	29.95	10.29	3.08	29 mg/dL	-0.31	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	915	204.74	8.96	18.35	208 U/L	0.18	1.21
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	927	277.56	11.78	32.69	298.5 U/L	0.64	2.15
14	ALP	PNP AMP kinetic	Transasia / Erba	918	210.77	15.90	33.52	259 U/L	1.44	2.21

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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MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name **GLOBAL DIAGNOSTICS** Lab No **10217**
 Constituent Group **Chemistry I** Date of Result Entered : **20/06/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **04/07/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	962	128.53	6.19	7.95	132.3 mg/dL	0.47	0.51
2	UREA	Urease UV / GLDH	Transasia / Erba	939	48.12	7.85	3.78	50.7 mg/dL	0.68	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	476	2.04	6.52	0.13	2.1 mg/dL	0.45	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	969	2.83	11.99	0.34	2.97 mg/dL	0.41	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	944	6.00	6.81	0.41	6.24 g/dL	0.59	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	966	3.55	5.84	0.21	3.63 g/dL	0.39	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	682	10.21	7.80	0.80	10.4 mg/dL	0.24	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	925	5.11	8.87	0.45	5.2 mg/dL	0.20	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	935	116.36	7.89	9.18	114 mg/dL	-0.26	0.60
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	912	156.09	8.37	13.06	154.4 mg/dL	-0.13	0.86
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	738	28.29	10.87	3.08	26.5 mg/dL	-0.58	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	68.05	10.67	7.26	74.4 U/L	0.87	0.48
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	862	46.05	14.31	6.59	52.8 U/L	1.02	0.45
14	ALP	PNP AMP kinetic	Transasia / Erba	886	108.12	15.29	16.54	119 U/L	0.66	1.11

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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