



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name ORBIT HEALTH CARE AND DIAGNOSTIC CENTRE

Lab No 15004

Constituent Group Chemistry I

Date of Result Entered : 18/05/2022

PT item Lyophilized Serum

Date of Report Published : 08/06/2022

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	975	194.78	6.81	13.27	146 mg/dL	-3.68	0.85
2	UREA	Urease UV / GLDH	Transasia / Erba	880	62.48	8.12	5.08	49.8 mg/dL	-2.50	0.34
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	444	2.56	6.49	0.17	2.9 mg/dL	2.05	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	946	3.54	11.83	0.42	3.41 mg/dL	-0.31	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	885	6.36	6.83	0.43	6.01 g/dL	-0.81	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	942	3.49	5.64	0.20	3.91 g/dL	2.13	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	650	11.45	9.40	1.08	10.94 mg/dL	-0.47	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	851	5.29	8.68	0.46	5.1 mg/dL	-0.41	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	915	114.05	8.08	9.22	110.2 mg/dL	-0.42	0.61
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	866	82.91	13.38	11.09	110.4 mg/dL	2.48	0.75
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	655	27.84	10.34	2.88	30.1 mg/dL	0.78	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	801	64.58	11.79	7.62	65.2 U/L	0.08	0.54
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	776	47.67	17.27	8.23	51.3 U/L	0.44	0.59
14	ALP	PNP AMP kinetic	Transasia / Erba	827	99.86	15.84	15.82	98.2 U/L	-0.10	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 :

**ORBIT HEALTH CARE AND DIAGNOSTIC CENTRE
325/11-OLD RAILWAY ROAD, OPPOSITE GUPTA MEDICAL HALL
GURGAON
HARYANA122001**

**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 *******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name ORBIT HEALTH CARE AND DIAGNOSTIC CENTRE

Lab No 15004

Constituent Group Chemistry I

Date of Result Entered : 20/06/2022

PT item Lyophilized Serum

Date of Report Published : 07/07/2022

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	912	146.05	5.75	8.40	136 mg/dL	-1.20	0.56
2	UREA	Urease UV / GLDH	Transasia / Erba	877	87.87	7.20	6.32	81 mg/dL	-1.09	0.43
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	449	8.52	5.93	0.50	7.91 mg/dL	-1.21	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	910	5.75	9.02	0.52	5.2 mg/dL	-1.06	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	934	4.93	9.13	0.45	4.8 g/dL	-0.29	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	947	2.81	6.02	0.17	2.72 g/dL	-0.53	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	627	8.39	10.05	0.84	7.3 mg/dL	-1.29	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	871	10.57	9.60	1.01	9.3 mg/dL	-1.25	0.07
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	906	84.63	10.58	8.95	110 mg/dL	2.83	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	867	125.02	8.96	11.21	132 mg/dL	0.62	0.76
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	654	22.16	11.34	2.51	31 mg/dL	3.52	0.20
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	784	48.43	11.67	5.65	64 U/L	2.76	0.40
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	764	92.88	17.71	16.45	77 U/L	-0.97	1.19
14	ALP	PNP AMP kinetic	Transasia / Erba	719	375.04	13.88	52.06	331 U/L	-0.85	3.88

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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Coordinator Contact Details:
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Contact Number: 0416-2283102

Pamela Christudoss

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

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name ORBIT HEALTH CARE AND DIAGNOSTIC CENTRE
 Constituent Group Chemistry I
 PT item Lyophilized Serum

Lab No 15004
 Date of Result Entered : 19/07/2022
 Date of Report Published : 05/08/2022

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	924	319.86	6.71	21.47	298 mg/dL	-1.02	1.41
2	UREA	Urease UV / GLDH	Transasia / Erba	938	131.80	8.04	10.60	139 mg/dL	0.68	0.69
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	459	4.41	6.53	0.29	4.68 mg/dL	0.94	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	981	0.97	19.05	0.18	1 mg/dL	0.16	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	952	6.08	7.45	0.45	5.7 g/dL	-0.84	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	971	3.46	5.97	0.21	3.3 g/dL	-0.77	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	668	10.20	8.48	0.86	7.7 mg/dL	-2.91	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	915	3.53	11.62	0.41	3 mg/dL	-1.29	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	934	113.21	7.99	9.05	130 mg/dL	1.86	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	238.60	8.40	20.03	244 mg/dL	0.27	1.35
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	692	27.55	10.30	2.84	30 mg/dL	0.86	0.22
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	828	125.74	9.92	12.47	151 U/L	2.03	0.87
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	835	57.35	13.54	7.76	65 U/L	0.99	0.54
14	ALP	PNP AMP kinetic	Transasia / Erba	824	233.68	14.44	33.74	217 U/L	-0.49	2.35

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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