



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **UJALA CYGNUS RAINBOW HOSPITAL** Lab No **16640**
Constituent Group **Chemistry I** Date of Result Entered : **04/01/2023**
PT item **Lyophilized Serum** Date of Report Published : **09/02/2023**

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	833	180.45	5.35	9.65	187.8 mg/dL	0.76	0.67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	33.6 mg/dL	0.98	0.19
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	418	1.36	8.14	0.11	1.29 mg/dL	-0.63	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.03 mg/dL	-0.27	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	5.49 g/dL	-0.22	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.48 g/dL	1.13	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	10.2 mg/dL	0.79	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	414	6.21	8.97	0.56	5.61 mg/dL	-1.08	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	5.1 mg/dL	0.48	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	847	106.43	8.10	8.62	103 mg/dL	-0.40	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	818	90.47	9.90	8.95	92.2 mg/dL	0.19	0.63
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	652	26.78	9.81	2.63	22.3 mg/dL	-1.71	0.21
13	SODIUM	ISE - Direct	Transasia / Erba	214	132.18	3.20	4.22	125.9 mmol/L	-1.49	0.58
14	POTASSIUM	ISE - Direct	Transasia / Erba	206	3.41	5.10	0.17	3.28 mmol/L	-0.75	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	155	97.53	3.74	3.65	93.1 mmol/L	-1.21	0.59
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	45.1 U/L	-1.12	0.39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	47.3 U/L	-1.86	0.52
18	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	95 U/L	-0.65	1.15
19	AMYLASE	CNPG3	Transasia / Erba	407	33.02	16.95	5.60	30 U/L	-0.54	0.55
20	IRON	Ferro Zine (No Protein Removal)	Transasia / Erba	68	159.49	13.53	21.59	152.5 ug/dL	-0.32	5.24
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	85	2.36	17.05	0.40	2.23 mg/dL	-0.32	0.09

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 :

**UJALA CYGNUS RAINBOW HOSPITAL
A/3 SURAJ COLONY, NH-19, NEAR GURU KA TAL, SIKANDRA
AGRA
UTTAR PRADESH282007**

**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 *******