



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2023



PC-1024

Lab Name **DR GARG'S DIAGNOSTICS** Lab No **15069**
 Constituent Group **Chemistry I** Date of Result Entered : **17/12/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **02/01/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Transasia / Erba	950	210.22	6.35	13.35	238.7 mg/dL	2.13	0.87
2	UREA	Urease UV / GLDH	Transasia / Erba	939	111.72	6.88	7.69	101.6 mg/dL	-1.32	0.50
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	517	7.89	5.75	0.45	8.17 mg/dL	0.62	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	929	1.93	11.77	0.23	1.9 mg/dL	-0.13	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.72	6.90	0.40	5.76 g/dL	0.10	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1009	3.40	5.29	0.18	3.45 g/dL	0.28	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	695	10.63	6.71	0.71	10.5 mg/dL	-0.18	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	449	6.13	9.54	0.58	5.76 mg/dL	-0.63	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1013	7.21	8.71	0.63	7.9 mg/dL	1.10	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	988	116.61	7.69	8.97	123 mg/dL	0.71	0.57
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	939	91.37	11.93	10.90	97.8 mg/dL	0.59	0.71
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	759	28.00	11.80	3.30	25.7 mg/dL	-0.70	0.24
13	SODIUM	ISE - Direct	Transasia / Erba	256	132.76	3.00	3.98	139 mmol/L	1.57	0.50
14	POTASSIUM	ISE - Direct	Transasia / Erba	241	4.72	4.00	0.19	4.77 mmol/L	0.26	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	203	101.58	3.78	3.84	101.8 mmol/L	0.06	0.54
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	989	91.74	9.48	8.70	100.6 U/L	1.02	0.55
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	988	52.67	12.91	6.80	49 U/L	-0.54	0.43
18	ALP	PNP AMP kinetic	Transasia / Erba	913	152.72	15.23	23.25	170 U/L	0.74	1.54
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	125	74.63	15.98	11.92	64 ug/dL	-0.89	2.13

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (action Signal)

LAB ADDRESS :

DR GARG'S DIAGNOSTICS

A DIVISION OF SIMAN HEALTHCARE, 11702/3, MAIN GT ROAD, SHAKTI NAGAR

DELHI

DELHI110007

Pamela Christudoss

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
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
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******* End of Report *******