



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name **QUEENS NRI HOSPITAL**

Lab No **2973**

Constituent Group **Chemistry I**

Date of Result Entered : **20/01/2023**

PT item **Lyophilized Serum**

Date of Report Published : **09/02/2023**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	223	172.51	5.55	9.58	182 mg/dL	0.99	1.28
2	UREA	Urease UV / GLDH	Biosystems	198	30.04	10.42	3.13	27 mg/dL	-0.97	0.45
3	CREATININE	Enzymatic Colorimetric	Biosystems	27	1.40	9.23	0.13	1.5 mg/dL	0.78	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	173	3.06	14.69	0.45	2.9 mg/dL	-0.36	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	209	5.42	7.01	0.38	5.68 g/dL	0.68	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	201	3.21	9.09	0.29	3.38 g/dL	0.58	0.04
7	CALCIUM	Arsenazo III	Biosystems	125	9.47	7.70	0.73	9.37 mg/dL	-0.14	0.13
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	198	5.20	8.76	0.46	5.61 mg/dL	0.90	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	203	113.00	6.95	7.85	118 mg/dL	0.18	1.10
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	187	107.12	9.66	10.35	100 mg/dL	-0.69	1.51
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	129	27.35	12.31	3.37	24 mg/dL	-0.99	0.59
12	SODIUM	ISE - Indirect	Any Analyser	534	132.33	3.10	4.10	135.6 mmol/L	0.80	0.36
13	POTASSIUM	ISE - Indirect	Any Analyser	533	3.42	4.98	0.17	3.72 mmol/L	1.76	0.01
14	CHLORIDE	ISE - Indirect	Any Analyser	404	97.55	4.09	3.99	100 mmol/L	0.61	0.40
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	197	57.68	9.34	5.39	57 U/L	-0.13	0.77
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	192	67.09	11.82	7.93	78 U/L	1.38	1.14
17	ALP	PNP AMP kinetic	Biosystems	198	113.44	13.26	15.05	126 U/L	0.83	2.14

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 :

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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 *****