



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE

Lab No 0151

Constituent Group Chemistry I

Date of Result Entered : 11/01/2023

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	180.2 mg/dL	-0.03	0.67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	28.67 mg/dL	-0.85	0.19
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	413	1.45	11.61	0.17	1.37 mg/dL	-0.48	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.15 mg/dL	0.09	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	5.66 g/dL	0.19	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.07 g/dL	-1.08	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	9.67 mg/dL	0.09	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	414	6.21	8.97	0.56	7.44 mg/dL	2.21	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	3.83 mg/dL	-2.30	0.03
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	974	113.44	5.89	6.68	114 mg/dL	0.08	0.43
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	935	109.13	7.82	8.54	116.5 mg/dL	0.86	0.56
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	780	30.17	20.45	6.17	31.23 mg/dL	0.17	0.44
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	132.67	2.93	3.88	137.1 mmol/L	1.14	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	997	3.42	5.15	0.18	3.59 mmol/L	0.97	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	809	97.51	4.13	4.03	98.1 mmol/L	0.15	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	48.62 U/L	-0.50	0.39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	64.53 U/L	0.45	0.52
18	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	89.42 U/L	-0.99	1.15
19	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	166	2.17	13.15	0.28	2.33 mg/dL	0.56	0.04

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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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 *****