



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **OM PATHOLOGY LABORATORY** Lab No **4077**
Constituent Group **Chemistry I** Date of Result Entered : **20/11/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/12/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1139	93.46	6.69	6.25	72.8 mg/dL	-3.31	0.37
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	711	91.14	8.85	8.06	108 mg/dL	2.09	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	868	1.05	12.72	0.13	1.16 mg/dL	0.83	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	998	7.38	12.06	0.89	7.41 mg/dL	0.03	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1156	4.13	10.84	0.45	4.03 g/dL	-0.22	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	823	2.55	9.64	0.25	2.68 g/dL	0.53	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	938	8.17	7.36	0.60	7.51 mg/dL	-1.10	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	427	6.56	12.93	0.85	6.04 mg/dL	-0.61	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1000	3.67	15.36	0.56	2.83 mg/dL	-1.49	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1071	73.71	10.36	7.64	73 mg/dL	-0.09	0.47
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1070	166.27	7.19	11.95	163 mg/dL	-0.27	0.73
12	HDL	Precipitation method	Any Analyser (Automation / Semi Automation)	106	22.31	17.35	3.87	20 mg/dL	-0.60	0.75
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1238	121.75	3.92	4.78	115 mmol/L	-1.41	0.27
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1237	3.31	5.63	0.19	3.3 mmol/L	-0.05	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1025	90.44	5.32	4.81	100 mmol/L	1.99	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1140	111.95	13.93	15.59	79 U/L	-2.11	0.92
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1129	29.54	15.14	4.47	13 U/L	-3.70	0.27
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	936	105.34	11.90	12.53	90 U/L	-1.22	0.82
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	473	33.86	17.69	5.99	34 U/L	0.02	0.55

			Automation)							
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	132	112.05	10.00	11.21	121 ug/dL	0.80	1.95
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	156	3.36	17.00	0.57	1.09 mg/dL	-3.98	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 :

OM PATHOLOGY LABORATORY

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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 *****