

CHRISTIAN MEDICAL COLLEGE  
DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - July 2023

Lab Name	NOBEL MICRLPATH LABORATORY	Lab No	15860
Constituent Group	Chemistry I	Date of Result Entered :	15/07/2023
PT item	Lyophilized human serum based	Date of Report Published :	07/08/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	231	283.41	4.96	14.06	297.5 mg/dL	1.00	1.85
2	UREA	Urease UV / GLDH	Mindray	285	66.24	6.03	3.99	47.17 mg/dL	-4.78	0.47
3	CREATININE	Enzymatic Colorimetric	Mindray	97	4.55	4.13	0.19	4.39 mg/dL	-0.85	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Mindray	236	3.42	9.20	0.32	3.91 mg/dL	1.56	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	287	5.87	6.78	0.40	6.2 g/dL	0.83	0.05
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	3.51	5.04	0.18	3.64 g/dL	0.73	0.06
7	CALCIUM	Arsenazo III	Mindray	230	10.27	6.84	0.70	10.39 mg/dL	0.17	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	146	4.67	12.23	0.57	4.19 mg/dL	-0.84	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	289	5.78	6.74	0.39	5.63 mg/dL	-0.38	0.05
10	CHOLESTEROL	CHOD-PAP	Mindray	266	126.42	5.19	6.56	132 mg/dL	0.85	0.80
11	TRIGLYCERIDE	Glycerol Blanked	Roche C111, C311, Integra 400 plus, C501, C502, C702	17	165.56	7.19	11.90	163.3 mg/dL	-0.19	5.77
12	HDL	Direct method / Enzymatic colorimetric	Mindray	231	29.07	8.74	2.54	25.8 mg/dL	-1.29	0.33
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1249	133.23	2.96	3.95	133 mmol/L	-0.06	0.22

14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1240	4.26	4.44	0.19	4.38 mmol/L	0.63	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1027	100.95	3.91	3.95	101 mmol/L	0.01	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	277	208.90	7.96	16.62	238.9 U/L	1.80	2.00
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	271	301.03	10.86	32.68	336.2 U/L	1.08	3.97
18	ALP	PNP AMP kinetic	Mindray	193	231.76	16.29	37.76	229 U/L	-0.07	5.44
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	261	64.05	17.50	11.21	78.27 U/L	1.27	1.39
20	IRON	Ferro Zine ( No Protein Removal )	Any Analyser (Automation / Semi Automation )	409	201.02	6.62	13.30	269.4 ug/dL	5.14	1.32
21	MAGNESIUM	Others ( Any other principles / Methods)	Any Analyser (Automation / Semi Automation )	166	3.11	17.62	0.55	3.56 mg/dL	0.82	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 :

NOBEL MICRLPATH LABORATORY

G-3 GROUND FLOOR, INFINITY TOWER, STATION ROAD , BESIDES, AYURVEDIC COLLEGE

SURAT

GUJARAT395003



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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 \*\*\*\*\*