



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **SYMBION VIP DIAGNOSTICS** Lab No **1803**
Constituent Group **Chemistry I** Date of Result Entered : **06/01/2023**
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	Hexokinase	Beckman AU480/680/5800/DXC700AU	152	171.68	3.74	6.43	179 mg/dL	1.14	1.04
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	184	30.23	5.64	1.70	28.3 mg/dL	-1.13	0.25
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	36	1.23	8.16	0.10	1.17 mg/dL	-0.60	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendressik	Beckman AU480/680/5800/DXC700AU	142	3.41	3.90	0.13	3.31 mg/dL	-0.75	0.02
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	177	4.96	3.93	0.20	4.93 g/dL	-0.15	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	172	3.10	4.16	0.13	3.18 g/dL	0.62	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	167	9.23	3.37	0.31	9.07 mg/dL	-0.51	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	139	5.95	4.73	0.28	6.46 mg/dL	1.81	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	174	4.30	3.77	0.16	4.23 mg/dL	-0.43	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	177	110.67	5.66	6.27	109.6 mg/dL	-0.17	0.94
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	172	105.87	5.66	5.99	107.6 mg/dL	0.29	0.91
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	164	24.66	7.19	1.77	24.1 mg/dL	-0.32	0.28
13	SODIUM	ISE - Indirect	Any Analyser	534	132.33	3.10	4.10	132.7 mmol/L	0.09	0.36
14	POTASSIUM	ISE - Indirect	Any Analyser	533	3.42	4.98	0.17	3.34 mmol/L	-0.47	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	404	97.55	4.09	3.99	93.3 mmol/L	-1.06	0.40
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	169	54.62	5.71	3.12	52.3 U/L	-0.74	0.48
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	168	63.10	7.19	4.54	60.2 U/L	-0.64	0.70
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	166	115.65	10.07	11.64	93 U/L	-1.95	1.81
19	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	83	40.80	10.47	4.27	34.3 U/L	-1.52	0.94
20	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	57	2.12	6.74	0.14	2.37 mg/dL	1.75	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.

LAB ADDRESS :

SYMBION VIP DIAGNOSTICS

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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 *******