



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name: SRL DIAGNOSTICS DR AVINASH PHADKE LAB      Lab No: 5287  
Constituent Group: Chemistry I      Date of Result Entered: 18/06/2022  
PT item: Lyophilized Serum      Date of Report Published: 07/07/2022

Sl. No.	Analyte Name	Reference Range	Analyzer Name	No of Participants	UV	Participants		Your Value	SDI	U
						UV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	152	144.09	5.68	8.19	144.94 mg/dL	0.10	1.33
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	76.38 mg/dL	-1.26	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	504	7.75	11.21	0.87	7.24 mg/dL	-0.59	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	636	5.70	12.66	0.72	6.06 mg/dL	0.50	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	4.4 g/dL	-0.56	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	2.7 g/dL	-0.52	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	569	8.24	10.84	0.89	7.38 mg/dL	-0.96	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	370	3.25	16.00	0.52	3.41 mg/dL	0.31	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	9.3 mg/dL	-0.42	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	87.91 mg/dL	-0.48	0.77
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	137.88 mg/dL	-0.60	1.06
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	19.06 mg/dL	-0.95	0.37
13	SODIUM	ISE - Indirect	Any Analyser	583	113.61	4.58	5.21	105 mmol/L	-1.65	0.43
14	POTASSIUM	ISE - Indirect	Any Analyser	561	2.07	11.27	0.23	1.8 mmol/L	-1.16	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	422	81.36	6.68	5.44	76 mmol/L	-0.99	0.53
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	51.2 U/L	0.34	0.49
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	110.5 U/L	1.17	1.36
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	441	344.26	14.94	51.42	399.9 U/L	1.08	4.90

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.

Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	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 \*\*\*\*\*

*Reviewed*  
*Shutler*  
*07/07/2022*