



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name **DDRC SRL DIAGNOSTICS LIMITED** Lab No **16568**  
 Constituent Group **Chemistry I** Date of Result Entered : **17/08/2023**  
 PT Item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Siemens ( Advia Series / Dimension Series )	97	63.97	5.59	3.58	65 mg/dL	0.29	0.73
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	112	17.52	10.34	1.81	18 mg/dL	0.26	0.34
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens ( Advia Series / Dimension Series )	106	0.82	9.57	0.08	0.85 mg/dL	0.38	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Siemens ( Advia Series / Dimension Series )	113	0.85	10.02	0.08	0.8 mg/dL	-0.59	0.02
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	121	5.50	3.27	0.18	5.6 g/dL	0.56	0.03
6	ALBUMIN	BCG - colorimetric	Siemens ( Advia Series / Dimension Series )	49	3.28	4.39	0.14	3.2 g/dL	-0.56	0.04
7	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	116	3.59	4.56	0.16	3.4 mg/dL	-1.16	0.03
8	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	112	104.84	6.13	6.43	98 mg/dL	-1.06	1.21
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	116	118.09	6.43	7.60	116 mg/dL	-0.28	1.41
10	HDL	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	106	29.58	8.18	2.42	30 mg/dL	0.17	0.47
11	SODIUM	ISE - Direct	Roche/Hitachi 912 series	49	126.28	2.28	2.88	125 mmol/L	-0.44	0.82
12	POTASSIUM	ISE - Direct	Roche/Hitachi 912 series	47	2.48	4.47	0.11	2.5 mmol/L	0.18	0.03
13	AST	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	111	48.51	12.93	6.27	43 U/L	-0.88	1.19
14	ALT	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	99	35.79	15.39	5.51	39 U/L	0.58	1.11
15	ALP	PNP AMP kinetic	Siemens ( Advia Series / Dimension Series )	105	96.30	8.68	8.36	90 U/L	-0.75	1.63

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	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 \*\*\*\*\*