



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **RSD HOSPITAL** Lab No **14869**
Constituent Group **Chemistry I** Date of Result Entered : **20/4/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/05/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Siemens (Advia Series / Dimension Series)	92	177.39	4.13	7.33	179 mg/dL	-0.14	1.53
2	UREA	Urease UV / GLDH	Siemens (Advia Series / Dimension Series)	124	100.49	5.59	5.62	102 mg/dL	0.27	1.01
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens (Advia Series / Dimension Series)	110	3.33	5.88	0.20	3.01 mg/dL	-0.63	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrossik	Siemens (Advia Series / Dimension Series)	118	3.04	4.37	0.13	3.1 mg/dL	0.45	0.02
5	T-PROTEIN	Biuret - Colorimetric	Siemens (Advia Series / Dimension Series)	123	4.89	3.60	0.18	4.8 g/dL	-0.51	0.03
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Siemens (Advia Series / Dimension Series)	89	2.90	5.76	0.17	2.7 g/dL	-1.20	0.04
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Siemens (Advia Series / Dimension Series)	77	9.85	4.98	0.49	10.1 mg/dL	0.51	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens (Advia Series / Dimension Series)	113	6.56	3.55	0.23	6.1 mg/dL	-1.97	0.04
9	CHOLESTEROL	CHOD-PAP	Siemens (Advia Series / Dimension Series)	116	82.60	6.37	5.26	83 mg/dL	0.08	0.98
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens (Advia Series / Dimension Series)	123	174.21	3.98	6.94	171 mg/dL	-0.46	1.25
11	HDL	Direct method / Enzymatic colorimetric	Siemens (Advia Series / Dimension Series)	110	27.07	9.56	2.59	29 mg/dL	0.75	0.49
12	AST	UV kinetic(with & without PLP (P-5-P))	Siemens (Advia Series / Dimension Series)	114	75.76	6.76	5.12	73 U/L	-0.54	0.96
13	ALT	UV kinetic(with & without PLP (P-5-P))	Siemens (Advia Series / Dimension Series)	116	98.57	11.33	11.17	94 U/L	-0.41	2.07
14	ALP	PNP AMP kinetic	Siemens (Advia Series / Dimension Series)	113	63.68	6.55	4.17	66 U/L	0.95	0.78
15	AMYLASE	CNPG3	Siemens (Advia Series / Dimension Series)	63	42.03	4.27	1.80	41 U/L	-0.57	0.45
16	IRON	Ferrene (No Protein Removal)	Siemens (Advia Series / Dimension Series)	34	117.52	6.71	7.89	113 ug/dL	-0.57	2.71

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 :

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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 *******