



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name VIJAY CLINICAL LAB Lab No 5938
Constituent Group Chemistry I Date of Result Entered : 09/06/2023
PT Item Lyophilized human serum based Date of Report Published : 04/07/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Siemens (Advia Series / Dimension Series)	31	121.42	6.24	7.58	115 mg/dL	-0.85	2.72
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	46.35	5.97	2.77	41 mg/dL	-1.93	0.32
3	CREATININE	Enzymatic Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	32	2.08	6.59	0.14	2 mg/dL	-0.58	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	2.67	5.20	0.14	2.8 mg/dL	0.94	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	5.39	4.06	0.22	4.94 g/dL	-2.05	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	3.56	3.90	0.14	3.67 g/dL	0.79	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	10.07	7.04	0.71	9.9 mg/dL	-0.24	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	235	3.90	3.70	0.14	3.9 mg/dL	0.00	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	4.60	3.63	0.17	4.7 mg/dL	0.60	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	119.65	4.07	4.86	117.3 mg/dL	-0.48	0.56
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	189.85	3.32	6.30	192 mg/dL	0.34	0.75
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	24.32	5.12	1.25	23.9 mg/dL	-0.34	0.15
13	SODIUM	ISE - Indirect	Any Analyser	538	134.20	2.90	3.89	138 mmol/L	0.98	0.34
14	POTASSIUM	ISE - Indirect	Any Analyser	561	5.19	5.99	0.31	5.8 mmol/L	1.96	0.03
15	CHLORIDE	ISE - Indirect	Any Analyser	402	101.41	3.87	3.93	99 mmol/L	-0.61	0.39
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	67.29	6.78	4.56	65 U/L	-0.50	0.54
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	44.48	10.39	4.62	42 U/L	-0.54	0.54
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	106.33	7.67	8.16	81.6 U/L	-3.03	0.97
19	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	143	145.99	5.32	7.77	142.8 ug/dL	-0.41	1.30

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 *****