



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **SP WELL FORT HOSPITAL** Lab No **19222**
Constituent Group **Chemistry I** Date of Result Entered : **17/01/2024**
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	943	130.93	6.55	8.58	118.2 mg/dL	-1.48	0.56
2	UREA	Urease UV / GLDH	Transasia / Erba	879	37.38	8.70	3.25	33.3 mg/dL	-1.25	0.22
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	469	1.70	7.11	0.12	1.55 mg/dL	-1.24	0.01
4	D.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	287	0.68	17.96	0.12	0.41 mg/dL	-2.25	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	869	5.29	6.86	0.36	4.46 g/dL	-2.29	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	917	3.26	5.89	0.19	3.13 g/dL	-0.68	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	851	5.02	9.00	0.45	4 mg/dL	-2.26	0.03
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	896	104.06	7.52	7.82	95 mg/dL	-1.16	0.52
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	820	129.24	7.95	10.27	115.2 mg/dL	-1.37	0.72
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	716	26.68	11.23	3.00	21.6 mg/dL	-1.70	0.22
11	LDL	Direct method / Enzymatic colorimetric	Transasia / Erba	94	58.53	13.25	7.75	51.6 mg/dL	-0.89	1.60
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1155	130.94	3.25	4.26	124.1 mmol/L	-1.61	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	3.20	5.97	0.19	3.1 mmol/L	-0.52	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	95.29	4.58	4.37	96.2 mmol/L	0.21	0.28
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	882	105.03	8.75	9.18	90.2 U/L	-1.61	0.62
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	864	41.91	15.00	6.29	30.2 U/L	-1.86	0.43
17	ALP	PNP AMP kinetic	Transasia / Erba	853	181.38	15.45	28.02	125 U/L	-2.01	1.92

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 :

**SP WELL FORT HOSPITAL
ASHRAMAM LANE, SASTHAMANGALAM
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**Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore**

**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 *******



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Lab Name	SP WELL FORT HOSPITAL	Lab No	19222
Constituent Group	Thyroid Hormones & Cortisol	Date of Result Entered :	17/01/2024
PT item	Lyophilized human serum based	Date of Report Published :	06/02/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	TOTAL THYROXINE	ECLIA-Electrochemiluminescence immunoassay	Roche Elecsys e411 / e601 / e602 / e811	262	10.77	8.17	0.88	9.42 ug/dL	-1.53	0.11
2	TSH	ECLIA-Electrochemiluminescence immunoassay	Roche Elecsys e411 / e601 / e602 / e811	304	17.06	5.84	1.00	15.15 uIU/mL	-1.92	0.11
3	TOTAL T3	ECLIA-Electrochemiluminescence immunoassay	Roche Elecsys e411 / e601 / e602 / e811	255	132.78	7.80	10.36	127 ng/dL	-0.56	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.

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Christian Medical College, Vellore

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******* End of Report *******