



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **13/07/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/08/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	761	304.55	7.92	24.11	330 mg/dL	1.06	1.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	660	127.13	10.44	13.28	133 mg/dL	0.44	1.03
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	536	4.30	10.61	0.46	4.5 mg/dL	0.44	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	593	1.13	23.80	0.27	1.7 mg/dL	2.13	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	768	5.80	9.22	0.54	6.2 g/dL	0.75	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	744	3.50	8.24	0.29	3.7 g/dL	0.69	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	613	9.91	7.96	0.79	10.3 mg/dL	0.49	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	409	6.65	13.00	0.86	5.2 mg/dL	-1.68	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	587	3.67	20.84	0.76	4 mg/dL	0.43	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	739	119.24	8.54	10.18	135 mg/dL	1.55	0.75
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	709	258.73	10.01	25.89	205 mg/dL	-2.08	1.94
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	487	28.03	15.16	4.25	37 mg/dL	2.11	0.39
13	SODIUM	ISE - Indirect	Any Analyser	588	139.38	3.25	4.53	140 mmol/L	0.14	0.37
14	POTASSIUM	ISE - Indirect	Any Analyser	615	5.03	6.82	0.34	4.5 mmol/L	-1.55	0.03
15	CHLORIDE	ISE - Indirect	Any Analyser	445	100.03	4.49	4.49	101 mmol/L	0.22	0.43
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	642	123.93	12.16	15.06	110 U/L	-0.92	1.19
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	629	57.09	15.22	8.69	58 U/L	0.10	0.69
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	480	212.77	14.81	31.52	213 U/L	0.01	2.88
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	392	293.40	16.25	47.68	245 U/L	-1.02	4.82
20	IRON	Ferro Zine (No Protein	Any Analyser	96	122.29	14.04	17.16	92 ug/dL	-1.76	3.50

		Removal)	(Automation / Semi Automation)							
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	146	1.59	17.70	0.28	2.8 mg/dL	4.32	0.05

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 HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

TALEGAON DABHADE DIST: PUNE

MAHARASHTRA410506



Coordinator Contact Details:
 Email: clinqc@cmcvellore.ac.in
 Contact Number: 0416-2283102

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 *****