



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2021



Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **16/11/2021**

PT item **Lyophilized Serum**

Date of Report Published : **03/12/2021**

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)	682	144.07	8.46	12.19	152 mg/dl	0.65	0.93
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	573	168.15	11.78	19.82	173 mg/dl	0.24	1.66
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	481	3.60	10.96	0.40	2.9 mg/dl	-1.77	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	550	3.90	13.65	0.53	4 mg/dl	0.19	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	655	4.89	9.91	0.48	5.3 g/dl	0.85	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	672	3.05	9.01	0.28	3 g/dl	-0.18	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	495	9.52	8.03	0.76	9.6 mg/dl	0.10	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	310	8.74	13.58	1.19	5 mg/dl	-3.14	0.13
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	562	3.88	18.14	0.70	4.4 mg/dl	0.74	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	669	99.19	9.95	9.87	92 mg/dl	-0.73	0.76
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	641	133.25	11.72	15.61	145 mg/dl	0.75	1.23
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	437	25.13	18.07	4.54	33 mg/dl	1.73	0.43
13	SODIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	131	129.12	4.01	5.18	126 mmol/L	-0.60	0.91
14	POTASSIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	133	6.16	8.71	0.54	5.4 mmol/L	-1.42	0.09
15	CHLORIDE	ISE - Indirect	Siemens (Advia Series / Dimension Series)	102	93.02	4.80	4.46	89 mmol/L	-0.90	0.88
16	AST	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	384	60.35	11.38	6.87	62 U/L	0.24	0.70
17	ALT	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	368	115.80	16.83	19.49	111 U/L	-0.25	2.03
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	434	248.16	16.68	41.40	251 U/L	0.07	3.97
19	AMYLASE	CNPG3	Any Analyser	388	109.97	17.47	19.21	92 U/L	-0.94	1.95

			(Automation / Semi Automation)							
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	50	102.67	11.73	12.05	71 ug/dl	-2.63	3.41
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	124	3.02	17.57	0.53	2.7 mg/dl	-0.60	0.10

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

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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 *****