



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **HOUSE OF PATHOLOGY LABS PVT LTD**

Lab No **15095**

Constituent Group **Chemistry I**

Date of Result Entered : **19/02/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/03/2022**

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)	636	279.83	7.93	22.19	298 mg/dl	0.82	1.76
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	566	29.14	11.31	3.30	33.6 mg/dl	1.35	0.28
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	480	1.14	14.51	0.17	1.31 mg/dl	1.02	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.14	12.34	0.63	5.15 mg/dl	0.02	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	633	5.54	8.45	0.47	5.27 g/dl	-0.58	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	617	3.39	7.94	0.27	3.28 g/dl	-0.41	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	529	10.32	8.98	0.93	11.21 mg/dl	0.96	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	350	5.98	12.73	0.76	6.31 mg/dl	0.43	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	588	4.39	18.02	0.79	3.63 mg/dl	-0.96	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	641	114.08	9.55	10.89	116 mg/dl	0.18	0.86
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	599	106.17	11.25	11.94	114 mg/dl	0.66	0.98
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	399	27.45	13.75	3.78	28.59 mg/dl	0.30	0.38
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	824	133.88	3.20	4.28	138.8 mmol/L	1.15	0.30
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	828	4.71	5.58	0.26	4.93 mmol/L	0.84	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	655	99.62	4.06	4.04	100.1 mmol/L	0.12	0.32
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	534	133.26	11.26	15.00	151.7 U/L	1.23	1.30
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	525	79.11	15.06	11.91	97.2 U/L	1.52	1.04
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	457	71.29	19.10	13.62	72.7 U/L	0.10	1.27

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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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 *****