



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name JAYDEE DIAGNOSTIC LABORATORY Lab No 4890
 Constituent Group Chemistry I Date of Result Entered : 20/07/2022
 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	Biosystems	348	308.32	5.39	16.63	303 mg/dL	-0.32	1.78
2	UREA	Urease UV / GLDH	Biosystems	319	122.37	8.21	10.05	125.6 mg/dL	0.32	1.13
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	252	4.24	8.60	0.36	4 mg/dL	-0.66	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	272	1.04	16.49	0.17	0.9 mg/dL	-0.81	0.02
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	329	5.82	7.54	0.44	5.9 g/dL	0.18	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	302	3.50	7.85	0.28	3.2 g/dL	-1.09	0.03
7	CALCIUM	Arsenazo III	Biosystems	242	10.12	7.94	0.80	10.7 mg/dL	0.72	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	313	4.04	12.27	0.50	3.7 mg/dL	-0.69	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	334	121.12	8.02	9.71	109 mg/dL	-1.25	1.06
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	287	254.96	6.63	16.90	278 mg/dL	1.36	2.00
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	217	28.48	16.73	4.76	37 mg/dL	1.79	0.65
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1047	139.31	3.44	4.80	142.6 mmol/L	0.69	0.30
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1099	5.06	6.41	0.32	5.16 mmol/L	0.31	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	878	100.12	4.63	4.64	101.2 mmol/L	0.23	0.31
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	296	140.80	8.56	12.05	134 U/L	-0.56	1.40
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	288	63.54	13.79	8.76	49 U/L	-1.66	1.03
17	ALP	PNP AMP kinetic	Biosystems	326	236.59	12.13	28.69	189 U/L	-1.66	3.18
18	AMYLASE	CNPG3	Biosystems	90	296.26	14.16	41.95	254 U/L	-1.01	8.84

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 *****