



CHRISTIAN MEDICAL COLLEGE

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



Lab Name WELL DYNAMIC DIAGNOSTIC PVT LTD Lab No 19022
Constituent Group Chemistry I Date of Result Entered : 19/03/2024
PT item Lyophilized human serum based Date of Report Published : 06/04/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1212	168.46	5.37	9.05	162 mg/dL	-0.71	0.52
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1028	26.16	11.14	2.91	30 mg/dL	1.32	0.18
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	892	0.99	12.31	0.12	0.9 mg/dL	-0.74	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendressik	Any Analyser (Automation / Semi Automation)	910	0.83	19.57	0.16	0.86 mg/dL	0.19	0.01
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1188	5.74	6.49	0.37	5.4 g/dL	-0.91	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1165	3.51	7.61	0.27	3.27 g/dL	-0.90	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	993	9.74	5.72	0.56	8.38 mg/dL	-2.44	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1079	3.54	16.34	0.58	4.17 mg/dL	1.09	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1195	115.97	5.49	6.36	121.5 mg/dL	1.91	0.37
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1151	95.64	7.93	7.59	100.6 mg/dL	1.34	0.45
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	944	28.07	10.95	3.07	25.8 mg/dL	-0.74	0.20
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1339	137.32	2.73	3.75	141 mmol/L	0.98	0.20
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1366	3.58	4.83	0.17	3.46 mmol/L	-1.59	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1112	103.75	3.60	3.74	110 mmol/L	1.67	0.22
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1130	58.20	9.44	5.50	56.1 U/L	-0.38	0.33

External Quality Assurance Scheme - Print Monthly Summary

16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1121	86.34	12.41	10.71	65.6 U/L	-1.94	0.64
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	880	127.56	14.89	18.99	98.1 U/L	-1.55	1.28
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	240	71.38	16.88	12.05	64.6 U/L	-0.56	1.56

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (action Signal)

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
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***** End of Report *****