



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2024



PC-1024

Lab Name **ISHA DIAGNOSTICS & RESEARCH PVT LTD**Lab No **4247**Constituent Group **Chemistry I**Date of Result Entered : **17/06/2024**PT item **Lyophilized human serum based**Date of Report Published : **27/06/2024**

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 )	1290	303.92	5.91	17.97	334.06 mg/dL	1.68	1.00
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1166	78.13	7.68	6.00	64.4 mg/dL	-2.29	0.35
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation )	957	1.75	10.48	0.18	1.7 mg/dL	-0.27	0.01
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrasik	Any Analyser (Automation / Semi Automation )	1161	2.46	18.18	0.45	3.08 mg/dL	1.39	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1256	5.37	7.71	0.41	5.25 g/dL	-0.29	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1226	3.24	8.36	0.27	3.52 g/dL	1.03	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1205	4.11	15.24	0.63	4.41 mg/dL	0.48	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1235	114.86	5.63	6.47	114.95 mg/dL	0.01	0.37
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1212	101.55	8.87	9.01	85.11 mg/dL	-1.83	0.52
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	1000	26.27	11.71	3.08	26.64 mg/dL	0.12	0.19
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1464	125.91	3.67	4.62	123 mmol/L	-0.63	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1475	3.11	6.92	0.22	2.92 mmol/L	-0.88	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1188	93.81	5.06	4.75	89.9 mmol/L	-0.82	0.28
14	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1154	77.15	10.14	7.82	84.32 U/L	0.92	0.46
15	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1180	205.62	16.45	33.83	269.06 U/L	1.88	1.97

16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	990	50.25	13.95	7.01	53.43 U/L	0.45	0.45
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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)

## LAB ADDRESS :

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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 \*\*\*\*\*