



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2024



PC-1024

Lab Name **DR.D.P RASTOGI CENTRAL RESEARCH
INSTITUTE FOR HOMOEOPATHY**

Lab No **18802**

Constituent Group **Chemistry I**

Date of Result Entered : **20/06/2024**

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	Hexokinase	Roche c111, c311, Integra 400, c501, c502, c503, c702	261	311.42	4.00	12.45	307 mg/dL	-0.36	1.54
2	UREA	Urease UV / GLDH	Roche c111, c311, Integra 400, c501, c502, c503, c702	284	78.71	5.28	4.16	79 mg/dL	0.07	0.49
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche c111, c311, Integra 400, c501, c502, c503, c702	243	1.79	6.31	0.11	1.85 mg/dL	0.53	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche c111, c311, Integra 400, c501, c502, c503, c702	275	2.36	5.97	0.14	2.5 mg/dL	0.99	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche c111, c311, Integra 400, c501, c502, c503, c702	281	5.08	3.23	0.16	5.1 g/dL	0.12	0.02
6	ALBUMIN	BCG - colorimetric	Roche c111, c311, Integra 400, c501, c502, c503, c702	267	3.34	3.84	0.13	3.3 g/dL	-0.31	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche c111, c311, Integra 400, c501, c502, c503, c702	224	10.03	3.10	0.31	10.3 mg/dL	0.87	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche c111, c311, Integra 400, c501, c502, c503, c702	218	5.30	3.25	0.17	5.2 mg/dL	-0.58	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche c111, c311, Integra 400, c501, c502, c503, c702	278	3.47	4.15	0.14	3.5 mg/dL	0.21	0.02
10	CHOLESTEROL	CHOD-PAP	Roche c111, c311, Integra 400, c501, c502, c503, c702	281	113.77	4.12	4.69	111 mg/dL	-0.59	0.56
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche c111, c311, Integra 400, c501, c502, c503, c702	265	111.26	4.33	4.82	107 mg/dL	-0.88	0.59
12	HDL	Direct method / Enzymatic colorimetric	Roche c111, c311, Integra 400, c501, c502, c503, c702	268	23.20	5.87	1.36	24 mg/dL	0.59	0.17
13	SODIUM	ISE - Direct	Transasia / Erba	267	125.36	4.02	5.04	125 mmol/L	-0.07	0.62

14	POTASSIUM	ISE - Direct	Transasia / Erba	263	3.08	6.11	0.19	3.1 mmol/L	0.11	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	212	92.19	4.92	4.53	86 mmol/L	-1.37	0.62
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche c111, c311, Integra 400, c501, c502, c503, c702	260	76.01	8.01	6.08	69 U/L	-1.15	0.75
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche c111, c311, Integra 400, c501, c502, c503, c702	266	207.55	12.69	26.34	182 U/L	-0.97	3.23
18	ALP	PNP AMP kinetic	Roche c111, c311, Integra 400, c501, c502, c503, c702	276	47.45	8.20	3.89	54 U/L	1.68	0.47

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 *****