



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2024



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 :

DR D.P RASTOGI CENTRAL RESEARCH INSTITUTE FOR HOMOEOPATHY
A-1/1, SECTOR - 24
NOIDA
UTTAR PRADESH201301

Coordinator Contact Details:
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Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

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 *****



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PC-1024

Lab Name	DR D.P RASTOGI CENTRAL RESEARCH INSTITUTE FOR HOMOEOPATHY	Lab No	18802
Constituent Group	HbA1c	Date of Result Entered :	18/06/2024
PT item	Lyophilized human whole blood 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	HbA1c	Turbidimetric Inhibition Immunoassay	Roche c111, c311, Integra 400, c501, c502, c503, c702	133	5.29	11.66	0.62	5.1 %	-0.31	0.11

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
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Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

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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	D.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche c111, c311, Integra 400, c501, c502, c503, c702	131	1.29	10.64	0.14	1.3 mg/dL	0.07	0.02
2	LDL	Direct method / Enzymatic colorimetric	Roche c111, c311, Integra 400, c501, c502, c503, c702	94	58.80	4.90	2.88	62 mg/dL	1.11	0.59

u* - Method of Uncertainty

Z-Score	Interpretation
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