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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
 CMC EXTERNAL QUALITY ASSURANCE SCHEME
 MONTHLY SUMMARY REPORT - NOVEMBER 2022



PC-1024

Lab Name	Likhitha's Diagnostics and Speciality Lab	Lab No	15647
Constituent Group	Chemistry I	Date of Result Entered :	19/11/2022
PT item	Lyophilized Serum	Date of Report Published :	06/12/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	185	320.63	5.96	19.12	325.4 mg/dL	0.25	2.81
2	UREA	Urease UV / GLDH	Agape	175	57.21	5.93	3.39	51.68 mg/dL	-1.63	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	93	3.68	7.24	0.27	3.26 mg/dL	-1.58	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	158	1.81	9.87	0.18	1.6 mg/dL	-1.17	0.03
5	T-PROTEIN	Biuret - Colorimetric	Agape	192	5.63	5.49	0.31	5.81 g/dL	0.58	0.04
6	ALBUMIN	BCG - colorimetric	Agape	178	3.62	6.27	0.23	3.58 g/dL	-0.18	0.03
7	CALCIUM	Arsenazo III	Agape	135	10.72	5.99	0.64	10.61 mg/dL	-0.17	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	95	4.38	6.69	0.29	4.96 mg/dL	1.98	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	190	9.20	7.57	0.70	9.34 mg/dL	0.20	0.10
10	CHOLESTEROL	CHOD-PAP	Agape	201	112.18	7.04	7.90	114.59 mg/dL	0.31	1.11
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	190	224.07	6.57	14.73	240.18 mg/dL	1.09	2.14
12	HDL	Direct method / Enzymatic colorimetric	Agape	145	26.41	9.45	2.50	22.93 mg/dL	-1.39	0.41
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1072	136.98	3.30	4.53	142 mmol/L	1.11	0.28
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1085	5.35	6.56	0.35	5.3 mmol/L	-0.14	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	877	98.38	4.83	4.75	98.8 mmol/L	0.09	0.32
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	173	152.83	8.44	12.90	148.77 U/L	-0.31	1.96
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	161	51.76	16.27	8.42	48.4 U/L	-0.40	1.33
18	ALP	PNP AMP kinetic	Agape	68	163.20	13.76	22.45	153.63 U/L	-0.43	5.45
19	AMYLASE	CNPG3	Agape	80	77.67	11.64	9.04	80.74 U/L	0.34	2.02
20	MAGNESIUM	Xylydyl Blue	Agape	26	1.75	15.43	0.27	1.99 mg/dL	0.89	0.11

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.

LAB ADDRESS :

Likhitha's Diagnostics and Speciality Lab
 A UNIT OF PRAGNASHREE HEALTH CARE (P) LTD, DR.A.V.NAIDU, HNO/10,FIRST FLOOR, STELLAR ENCLAVE, ABOVE

Lab's started results 7/12/22



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CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2022



PC-1024

Lab Name	Likhitha's Diagnostics and Speciality Lab	Lab No	15647
Constituent Group	HbA1c	Date of Result Entered :	15/11/2022
PT item	Lyophilized Whole blood	Date of Report Published :	06/12/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	644	7.87	3.44	0.27	8 %	0.48	0.02

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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PUNE

MAHARASHTRA411007

Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

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 *****

Satisfactory Results
JMP
8/12/22