



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name	REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE	Lab No	0151
Constituent Group	Chemistry I	Date of Result Entered :	11/01/2023
PT item	Lyophilized Serum	Date of Report Published :	09/02/2023

SLNo	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	833	180,45	5,35	9,65	180,2 mg/dL	-0,03	0,67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30,96	8,71	2,70	28,67 mg/dL	-0,85	0,19
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	413	1,45	11,61	0,17	1,37 mg/dL	-0,48	0,02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3,12	10,70	0,33	3,15 mg/dL	0,09	0,02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5,58	7,50	0,42	5,66 g/dL	0,19	0,03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3,27	5,89	0,19	3,07 g/dL	-1,08	0,01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9,60	7,81	0,76	9,67 mg/dL	0,09	0,06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	414	6,21	8,97	0,56	7,44 mg/dL	2,21	0,05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4,88	9,34	0,46	3,83 mg/dL	-2,30	0,03
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	974	113,44	5,89	6,68	114 mg/dL	0,08	0,43
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	935	109,13	7,02	8,54	116,5 mg/dL	0,86	0,56
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	780	30,17	20,45	6,17	31,23 mg/dL	0,17	0,44
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	132,67	2,93	3,88	137,1 mmol/L	1,14	0,25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	997	3,42	5,15	0,18	3,59 mmol/L	0,97	0,01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	809	97,51	4,13	4,03	98,1 mmol/L	0,15	0,28
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51,39	10,89	5,60	48,62 U/L	-0,50	0,39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61,18	12,22	7,48	64,53 U/L	0,45	0,52
18	ALP	PNP AMP kinetic	Transasia / Erba	785	105,43	15,29	16,12	89,42 U/L	-0,99	1,15
19	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	166	2,17	13,15	0,28	2,33 mg/dL	0,56	0,04

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 :
REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE
1, WEST MADA CHURCH ROAD, ROYAPURAM,
CHENNAI
TAMILNADU600013

Coordinator Contact Details:
Email: cinqc@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 *****

VIEW LAB MONTHLY SUMMARY

Lab Name	REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE		Details About Robust Analysis	
Lab No	0151		Detail About Monthly Summary	
Month	January		Detail about SDI	
Year	2023			
Constituent Group	HbA1c			
Click on the analyte to view Graphical Data			All Analyser Result	Print
Date of Result Entered : 11/01/2023				
Date of Report Published : 09/02/2023				

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	311	6.09	11.39	0.69	6.7 %	0.88	0.08

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.

Links

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



Lab Name REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE Lab No 0151
 Constituent Group Chemistry I Date of Result Entered : 13/12/2022
 PT Item Lyophilized Serum Date of Report Published : 05/01/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	954	183,94	6,23	11,46	179,9 mg/dL	-0,35	0,74
2	UREA	Urease UV / GLDH	Transasia / Erba	900	100,88	7,01	7,06	98,38 mg/dL	-0,33	0,47
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	467	3,10	9,41	0,29	2,82 mg/dL	-0,96	0,03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	921	3,02	9,63	0,29	2,99 mg/dL	-0,10	0,02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	906	5,29	7,46	0,40	5,31 g/dL	0,05	0,03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3,09	5,82	0,18	2,88 g/dL	-1,17	0,01
7	CALCIUM	Arsenazo III	Transasia / Erba	642	10,38	7,72	0,80	10,31 mg/dL	-0,09	0,06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	436	4,45	10,26	0,46	5,29 mg/dL	1,84	0,04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	912	7,19	8,34	0,60	6,47 mg/dL	-1,20	0,04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	766	104,48	8,52	8,90	96,25 mg/dL	-0,92	0,64
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	747	175,51	9,45	16,59	187,3 mg/dL	0,71	1,21
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	530	26,84	16,01	4,30	26,52 mg/dL	-0,07	0,37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1094	134,67	3,00	4,04	141,9 mmol/L	1,79	0,24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1068	3,11	5,69	0,18	3,35 mmol/L	1,36	0,01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	901	97,48	4,28	4,17	98,1 mmol/L	0,15	0,28
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	876	62,23	10,65	6,63	45,08 U/L	-2,59	0,45
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	806	87,62	12,28	10,76	80,45 U/L	-0,67	0,76
18	ALP	PNP AMP kinetic	Transasia / Erba	861	64,88	16,19	10,51	66,2 U/L	0,13	0,72
19	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	162	1,93	13,61	0,26	2,22 mg/dL	1,10	0,04

SDI Range	Interpretation
Within -1,00 to +1,00	Excellent.
Within ±1,01 to ±2,00	Good.
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 CHENNAI
 TAMILNADU600013

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 subcontract any components
 ***** End of Report *****