



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - APRIL 2024



PC-1024

Lab Name CLINICA DIAGNOSTICS

Lab No 20244

Constituent Group Chemistry II

Date of Result Entered : 19/04/2024

PT item Lyophilized human serum based

Date of Report Published : 08/05/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1047	129.79	5.69	7.38	131.7 mg/dL	0.26	0.46
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1040	37.59	8.74	3.29	37.3 mg/dL	-0.09	0.20
3	CREATININE II	Enzymatic Colorimetric II	Any Analyser (Automation / Semi Automation)	550	1.70	7.69	0.13	1.78 mg/dL	0.61	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	980	2.09	12.23	0.26	2.07 mg/dL	-0.08	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1065	5.29	7.34	0.39	5.38 g/dL	0.23	0.02
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1064	3.27	5.90	0.19	3.38 g/dL	0.57	0.01
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1048	4.91	9.31	0.46	5.4 mg/dL	1.07	0.03
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1066	104.18	8.57	8.92	103 mg/dL	-0.13	0.55
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1018	129.79	8.57	11.12	130.7 mg/dL	0.08	0.70

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 :

CLINICA DIAGNOSTICS
A UNIT OF CLINICA LIFE CARE PVT LTD, 886/B/1, KRISHNANAGAR ROAD (NG-34)
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Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

6/25/24, 3:37 PM

External Quality Assurance Scheme - Print Monthly Summary

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 *******

Sample ID	Test Name	Result	Reference Range	Unit
101	Glucose	100	70-100	mg/dL
102	Cholesterol	200	125-200	mg/dL
103	Hemoglobin A1c	5.7	4.0-5.6	%
104	Urea Nitrogen	10	8-12	mg/dL
105	Creatinine	1.2	0.7-1.3	mg/dL
106	Serum Calcium	10.0	8.8-10.0	mg/dL
107	Serum Potassium	4.0	3.5-5.0	mEq/L
108	Serum Sodium	140	135-145	mEq/L
109	Bilirubin	1.2	0.1-1.2	mg/dL
110	Aspartate Aminotransferase	20	0-37	U/L
111	Alanine Aminotransferase	15	0-35	U/L
112	Lactate Dehydrogenase	100	100-250	U/L
113	Prothrombin Time	12.5	11.5-13.5	sec
114	Partial Thromboplastin Time	35	28-35	sec
115	Fibrinogen	300	200-400	mg/dL
116	D-Dimer	0.5	0-0.5	mg/dL
117	Uric Acid	5.0	2.4-6.8	mg/dL
118	Urea Nitrogen	10	8-12	mg/dL
119	Creatinine	1.2	0.7-1.3	mg/dL
120	Serum Calcium	10.0	8.8-10.0	mg/dL
121	Serum Potassium	4.0	3.5-5.0	mEq/L
122	Serum Sodium	140	135-145	mEq/L
123	Bilirubin	1.2	0.1-1.2	mg/dL
124	Aspartate Aminotransferase	20	0-37	U/L
125	Alanine Aminotransferase	15	0-35	U/L
126	Lactate Dehydrogenase	100	100-250	U/L
127	Prothrombin Time	12.5	11.5-13.5	sec
128	Partial Thromboplastin Time	35	28-35	sec
129	Fibrinogen	300	200-400	mg/dL
130	D-Dimer	0.5	0-0.5	mg/dL
131	Uric Acid	5.0	2.4-6.8	mg/dL