



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **SHRADHHADEEP GREENCROSS PATHOLOGY**Lab No **5524**Constituent Group **Chemistry I**Date of Result Entered : **09/03/2022**PT item **Lyophilized Serum**Date of Report Published : **06/04/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	108.68	4.05	4.40	109.53 mg/dL	0.19	0.52
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	81.05	5.80	4.70	75.52 mg/dL	-1.18	0.55
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	248	4.28	5.00	0.21	4.39 mg/dL	0.51	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	1.44	6.31	0.09	1.42 mg/dL	-0.22	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	4.66	5.00	0.23	4.26 g/dL	-1.72	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	3.07	4.20	0.13	3.08 g/dL	0.08	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	228	8.50	3.77	0.32	8.64 mg/dL	0.44	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	220	3.49	4.52	0.16	3.58 mg/dL	0.57	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	277	7.80	4.06	0.32	7.84 mg/dL	0.13	0.04
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	103.22	4.23	4.37	99.84 mg/dL	-0.77	0.51
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	217.37	4.09	8.88	204.37 mg/dL	-1.46	1.10
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	21.70	5.05	1.10	20.77 mg/dL	-0.85	0.14
13	SODIUM	ISE - Indirect	Any Analyser	604	124.97	4.01	5.02	120.9 mmol/L	-0.81	0.41
14	POTASSIUM	ISE - Indirect	Any Analyser	582	2.99	6.09	0.18	2.98 mmol/L	-0.05	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	417	91.17	5.38	4.90	88.1 mmol/L	-0.63	0.48
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	248	232.63	5.10	11.86	221.63 U/L	-0.93	1.51
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	148.28	8.54	12.66	143.8 U/L	-0.35	1.60
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	275	182.68	7.94	14.50	161.95 U/L	-1.43	1.75
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	154	86.56	4.58	3.96	82.8 U/L	-0.95	0.64
20	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	115	188.32	5.54	10.42	190.61 ug/dL	0.22	1.94
21	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	102	2.43	6.87	0.17	2.34 mg/dL	-0.54	0.03

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 :

SHRADHHADEEP GREENCROSS PATHOLOGY
LABORATORY ,PLOT No.910/1,FIRST FLOOR, NEAR GH-3 CIRCLE,SECTOR-7,GANDHINAGAR
GANDHINAGAR
GUJARAT382002

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 *****

