



# CHRISTIAN MEDICAL COLLEGE

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



Lab Name AVIOR CLINICAL DIAGNOSTIC CENTRE

Lab No

7680

Constituent Group Chemistry II

Date of Result Entered :

15/01/2022

PT Item Lyophilized Serum

Date of Report Published :

07/02/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE II	GOD-POD II	Transasia / Erba	687	130.44	8.67	11.30	153.2 mg/dl	2.01	0.86
2	UREA II	Urease UV / GLDH II	Transasia / Erba	537	47.63	9.86	4.70	53 mg/dl	1.14	0.41
3	CREATININE II	Enzymatic Colorimetric II	Transasia / Erba	129	1.73	6.98	0.12	1.81 mg/dl	0.66	0.02
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Transasia / Erba	615	2.30	15.28	0.35	2.63 mg/dl	0.94	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Transasia / Erba	556	5.38	9.07	0.49	6.14 g/dl	1.56	0.04
6	ALBUMIN II	BCG - Colorimetric II	Transasia / Erba	577	3.15	8.76	0.28	3.95 g/dl	2.90	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Transasia / Erba	592	7.17	12.44	0.89	6.8 mg/dl	-0.42	0.07
8	CHOLESTROL II	CHOD-PAP II	Transasia / Erba	636	101.83	11.62	11.83	118.1 mg/dl	1.38	0.94
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Transasia / Erba	577	115.89	15.40	17.85	124.8 mg/dl	0.50	1.49
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 :

AVIOR CLINICAL DIAGNOSTIC CENTRE  
SHOP NO.3, PURNIMA DARSHAN CHS, 90 FEET ROAD, MULAND (EAST)  
MUMBAI  
MAHARASHTRA400081

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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 \*\*\*\*\*

*Pamela Christudoss*  
Dr. Pamela Christudoss  
CMC EQAS Coordinator  
Christian Medical College, Yellore



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
ALL ANALYSER SUMMARY REPORT - JANUARY 2022



Lab Name AVIOR CLINICAL DIAGNOSTIC CENTRE

Constituent Group Chemistry II

PT Item Lyophilized Serum

Lab No 7680

Date of Result Entered 15/01/2022

Date of Report Published 07/02/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	CV	Participants SD	Your Value	SDI	U
1	GLUCOSE II	GOD-POD II	Mindray	135	131.73	6.83	8.99			1.55
			Biosystems	235	129.87	7.00	9.09			1.19
			Transasia / Erba	687	130.44	8.67	11.30	153.2 mg/dl	2.01	0.86
			Agape	259	132.04	9.22	12.18			1.51
			Trivitron ( Labmate / Nanolab Series )	37	128.33	6.05	7.76			2.55
			Robonik ( Semi automatic / Fully Automatic )	366	128.22	7.86	10.08			1.05
			CPC ( Turbochem 100 / 240 Prime	71	129.35	8.12	10.50			2.49
			Any Analyser (Automation / Semi Automation)	964	129.78	8.95	11.62			0.75
			Roche C111, C311, Integra 400 plus, C501, C502, C702	35	45.50	7.64	3.48			1.18
			Beckman AU480/680/5800/DXC700AU	25	47.82	5.98	2.86			1.14
2	UREA II	Urease UV / GLDH II	Mindray	108	47.21	8.30	3.92			0.75
			Biosystems	185	47.06	10.13	4.77			0.70
			Transasia / Erba	537	47.63	9.86	4.70	53 mg/dl	1.14	0.41
			Agape	215	48.20	8.77	4.23			0.58
			Trivitron ( Labmate / Nanolab Series )	18	45.06	9.22	4.15			1.96
			Robonik ( Semi automatic / Fully Automatic )	135	47.22	11.15	5.27			0.91
			CPC ( Turbochem 100 / 240 Prime	57	47.04	8.70	4.09			1.08
			Any Analyser (Automation / Semi Automation)	565	47.20	12.21	5.76			0.48

3	CREATININE II	Enzymatic Colorimetric II	Mindray	Biosystems	12	1.88	6.91	13.90	0.12	0.26	0.15
			Transasiasia / Erba	129	1.73	6.98	13.90	0.12	0.26	0.02	
			Agape	22	1.60	9.46	13.90	0.15	0.26	0.06	
			Any Analyser (Automation / Semi Automation)	73	1.68	12.49	13.90	0.21	0.26	0.05	
4	TBILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrasak II	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	2.17	7.55	13.90	0.16	0.26	0.05	
			Beckman AU480/680/5800/DXC700AU	22	2.56	3.98	13.90	0.10	0.26	0.04	
			Mindray	126	2.34	15.93	13.90	0.37	0.26	0.07	
			Biosystems	197	2.58	15.96	13.90	0.41	0.26	0.06	
			Transasiasia / Erba	615	2.30	15.28	13.90	0.35	0.26	0.03	
			Agape	197	2.46	14.11	13.90	0.35	0.26	0.05	
			Trivitron ( Labmate / Nanolab Series )	20	2.61	9.54	13.90	0.25	0.26	0.11	
			Robonik ( Semi automatic / Fully Automatic )	213	2.41	17.23	13.90	0.42	0.26	0.06	
			CPC ( Turbochem 100 / 240 Prime Any Analyser (Automation / Semi Automation)	62	2.29	12.42	13.90	0.28	0.26	0.07	
			Roche C111, C311, Integra 400 plus, C501, C502, C702	765	2.40	17.93	13.90	0.43	0.26	0.03	
5	T-PROTEIN II	Biuret - Colorimetric II	Beckman AU480/680/5800/DXC700AU	36	4.74	4.92	13.90	0.23	0.26	0.08	
			Mindray	22	4.63	4.51	13.90	0.21	0.26	0.09	
			Biosystems	124	5.07	8.51	13.90	0.43	0.26	0.08	
			Transasiasia / Erba	201	5.12	7.77	13.90	0.40	0.26	0.06	
			Agape	556	5.38	9.07	13.90	0.49	0.26	0.04	
			Trivitron ( Labmate / Nanolab Series )	168	5.17	8.40	13.90	0.43	0.26	0.07	
			Robonik ( Semi automatic / Fully Automatic )	21	5.65	7.40	13.90	0.42	0.26	0.18	
			CPC ( Turbochem 100 / 240 Prime Any Analyser (Automation / Semi Automation)	164	5.28	8.80	13.90	0.46	0.26	0.07	
			Roche C111, C311, Integra 400 plus, C501, C502, C702	58	5.16	10.53	13.90	0.54	0.26	0.14	
			Beckman AU480/680/5800/DXC700AU	684	5.31	8.93	13.90	0.47	0.26	0.04	
6	ALBUMIN II	BCG - Colorimetric II	Roche C111, C311, Integra 400 plus, C501, C502, C702	38	3.04	4.67	13.90	0.14	0.26	0.05	
			Mindray	22	2.89	4.50	13.90	0.13	0.26	0.06	
			Biosystems	137	3.15	9.65	13.90	0.30	0.26	0.05	
			Transasiasia / Erba	208	3.14	8.67	13.90	0.27	0.26	0.04	
			Agape	577	3.15	8.76	13.90	0.28	0.26	0.02	
			Trivitron ( Labmate / Nanolab Series )	171	3.19	10.55	13.90	0.34	0.26	0.05	
				23	3.32	10.95	13.90	0.36	0.26	0.15	

		Robonik ( Semi automatic / Fully Automatic )	170	3.17	8.28	0.26			0.04
		CPC ( Turbochem 100 / 240 Prime Any Analyser (Automation / Semi Automation)	61	3.08	11.21	0.34			0.09
		Roche C111, C311, Integra 400 plus, C501, C502, C702	737	3.15	9.54	0.30			0.02
7	URIC ACID II	Enzymatic / UriCase Colorimetric II	33	6.75	4.43	0.30			0.10
		Beckman AU480/680/5800/DXC700AU	19	6.80	2.49	0.17			0.08
		Mindray	125	7.02	10.31	0.72			0.13
		Biosystems	195	7.29	10.39	0.76			0.11
		Transasia / Erba	592	7.17	12.44	0.89	6.8 mg/dl	-0.42	0.07
		Agape	210	6.89	11.33	0.78			0.11
		Trivitron ( Labmate / Nanolab Series )	21	7.33	16.33	1.20			0.52
		Robonik ( Semi automatic / Fully Automatic )	205	7.03	12.27	0.86			0.12
		CPC ( Turbochem 100 / 240 Prime Any Analyser (Automation / Semi Automation)	59	6.87	10.58	0.73			0.19
		Roche C111, C311, Integra 400 plus, C501, C502, C702	754	7.22	13.57	0.98			0.07
8	CHOLESTROL II	CHOD-PAP II	37	100.45	6.10	6.13			2.01
		Beckman AU480/680/5800/DXC700AU	22	99.33	6.30	6.26			2.67
		Mindray	132	103.53	8.62	8.92			1.55
		Biosystems	228	105.27	8.55	9.00			1.19
		Transasia / Erba	636	101.83	11.62	11.83	118.1 mg/dl	1.38	0.94
		Agape	260	100.66	11.23	11.30			1.40
		Trivitron ( Labmate / Nanolab Series )	25	101.24	10.41	10.54			4.22
		Robonik ( Semi automatic / Fully Automatic )	362	106.47	10.99	11.70			1.23
		CPC ( Turbochem 100 / 240 Prime Any Analyser (Automation / Semi Automation)	64	99.27	9.15	9.09			2.27
		Roche C111, C311, Integra 400 plus, C501, C502, C702	895	106.05	11.44	12.14			0.81
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	34	138.67	5.16	7.15			2.45
		Beckman AU480/680/5800/DXC700AU	19	128.61	5.08	6.54			3.00
		Mindray	123	133.64	10.43	13.94			2.51
		Biosystems	199	127.65	9.74	12.43			1.76
		Transasia / Erba	577	115.89	15.40	17.85	124.8 mg/dl	0.50	1.49
		Agape	193	128.39	11.69	15.01			2.16
		Trivitron ( Labmate / Nanolab Series )	23	117.98	17.69	20.87			8.70
		Robonik ( Semi automatic / Fully Automatic )	190	130.22	13.28	17.29			2.51
		CPC ( Turbochem 100 / 240 Prime	55	120.67	11.09	13.38			3.61

Any Analyser (Automation / Semi Automation)

776

130.57

12.89

16.83

1.21

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:**

**AVIOR CLINICAL DIAGNOSTIC CENTRE**  
**SHOP NO.3, PURNIMA DARSHAN CHS, 90 FEET ROAD, MULAND (EAST)**  
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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 \*\*\*\*\*