



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - DECEMBER 2021



Lab Name AVIOR CLINICAL DIAGNOSTIC CENTRE

Lab No

7680

Constituent Group Chemistry II

Date of Result Entered :

16/12/2021

PT Item Lyophilized Serum

Date of Report Published :

03/01/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE II	GOD-POD II	Transasia / Erba	735	220.59	10.06	22.19	238 mg/dl	0.78	1.64
2	UREA II	Urease UV / GLDH II	Transasia / Erba	555	110.52	10.22	11.30	98.8 mg/dl	-1.04	0.96
3	CREATININE II	Enzymatic Colorimetric II	Transasia / Erba	160	2.30	8.53	0.20	2.23 mg/dl	-0.36	0.03
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Transasia / Erba	649	2.93	11.30	0.33	2.62 mg/dl	-0.94	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Transasia / Erba	665	5.34	9.22	0.49	5.96 g/dl	1.26	0.04
6	ALBUMIN II	BCG - Colorimetric II	Transasia / Erba	650	3.21	9.20	0.30	3.86 g/dl	2.20	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Transasia / Erba	637	4.08	14.87	0.61	3.9 mg/dl	-0.30	0.05
8	CHOLESTROL II	CHOD-PAP II	Transasia / Erba	716	104.99	12.01	12.61	117 mg/dl	0.95	0.94
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Transasia / Erba	605	85.49	17.53	14.98	92.2 mg/dl	0.45	1.22
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

External Quality Assurance Scheme - Print Monthly Summary

*Pamela Christodoss*

**Dr. Pamela Christodoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore**

**Coordinator Contact Details:  
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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 \*\*\*\*\***



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
ALL ANALYSER SUMMARY REPORT - DECEMBER 2021



Lab Name AVIOR CLINICAL DIAGNOSTIC CENTRE

Lab No 7680

Constituent Group Chemistry II

Date of Result Entered 16/12/2021

PT Item Lyophilized Serum

Date of Report Published 03/01/2022

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	136	223.51	8.42	18.83				3.23
			Biosystems	283	216.52	9.32	20.17				2.40
			Transasia / Erba	735	220.59	10.06	22.19	238 mg/dl	0.78	1.64	
			Agape	280	221.94	8.18	18.16			2.17	
			Trivitron ( Labmate / Nanolab Series )	27	218.42	7.20	15.74			6.06	
			Robonik ( Semi automatic / Fully Automatic )	431	214.53	10.07	21.61			2.08	
			CPC ( Turbochem 100 / 240 Prime Automation )	73	222.22	6.64	14.76			3.46	
			Any Analyser (Automation / Semi Automation )	969	215.80	9.25	19.96			1.28	
			Roche C111, C311, Integra 400 plus, C501, C502, C702	47	111.22	6.79	7.55			2.20	
			Beckman AU480/680/5800/DXC700AU	31	113.91	6.77	7.71			2.77	
2	UREA II	Urease UV / GLDH II	Mindray	128	110.71	9.91	10.97				1.94
			Biosystems	183	105.38	9.60	10.12			1.50	
			Transasia / Erba	555	110.52	10.22	11.30	98.8 mg/dl	-1.04	0.96	
			Agape	213	110.83	10.44	11.58			1.59	
			Trivitron ( Labmate / Nanolab Series )	13	109.12	11.24	12.26			6.80	
			Robonik ( Semi automatic / Fully Automatic )	145	103.51	13.04	13.50			2.24	
			CPC ( Turbochem 100 / 240 Prime Automation )	57	111.90	9.95	11.14			2.95	
			Any Analyser (Automation / Semi Automation )	533	107.40	11.34	12.17			1.05	

3	CREATININE II	Enzymatic Colorimetric II	Mindray	37	2.31	7.20	0.17			0.05
		Biosystems		19	2.41	5.55	0.13			0.06
		Transasia / Erba		160	2.30	8.53	0.20	2.23 mg/dl	-0.36	0.03
		Agape		27	2.12	6.90	0.15			0.06
		Any Analyser (Automation / Semi Automation)		78	2.23	11.96	0.27			0.06
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrasik II	Roche C111, C311, Integra 400 plus, C501, C502, C702	47	2.70	8.00	0.22			0.06
		Beckman AU480/680/5800/DXC700AU		30	3.17	5.14	0.16			0.06
		Mindray		120	2.98	13.43	0.40			0.07
		Biosystems		217	3.15	13.35	0.42			0.06
		Transasia / Erba		649	2.93	11.30	0.33	2.62 mg/dl	-0.94	0.03
		Agape		213	3.09	14.16	0.44			0.06
		Trivitron ( Labmate / Nanolab Series )		17	3.18	11.06	0.35			0.17
		Robonik ( Semi automatic / Fully Automatic )		238	3.02	15.04	0.46			0.06
		CPC ( Turbochem 100 / 240 Prime		66	3.00	12.56	0.38			0.09
		Any Analyser (Automation / Semi Automation)		789	3.00	13.68	0.41			0.03
		Roche C111, C311, Integra 400 plus, C501, C502, C702		43	4.79	3.65	0.18			0.05
5	T-PROTEIN II	Biuret - Colorimetric II	Beckman AU480/680/5800/DXC700AU	25	4.75	4.57	0.22			0.09
		Mindray		118	5.06	7.79	0.39			0.07
		Biosystems		243	5.15	9.29	0.48			0.06
		Transasia / Erba		665	5.34	9.22	0.49	5.96 g/dl	1.26	0.04
		Agape		184	5.14	9.25	0.48			0.07
		Trivitron ( Labmate / Nanolab Series )		20	5.60	7.77	0.44			0.19
		Robonik ( Semi automatic / Fully Automatic )		156	5.19	9.08	0.47			0.08
		CPC ( Turbochem 100 / 240 Prime		56	5.25	9.12	0.48			0.13
		Any Analyser (Automation / Semi Automation)		738	5.21	9.17	0.48			0.04
		Roche C111, C311, Integra 400 plus, C501, C502, C702		42	3.11	4.99	0.16			0.05
6	ALBUMIN II	BCG - Colorimetric II	Beckman AU480/680/5800/DXC700AU	28	2.97	5.26	0.16			0.06
		Mindray		136	3.19	9.81	0.31			0.05
		Biosystems		224	3.15	9.41	0.30			0.04
		Transasia / Erba		650	3.21	9.20	0.30	3.86 g/dl	2.20	0.02
		Agape		161	3.22	10.46	0.34			0.05
		Trivitron ( Labmate / Nanolab Series )		15	3.35	12.81	0.43			0.22

		Robonik ( Semi automatic / Fully Automatic )	168	3.18	10.02	0.32			0.05
		CPC ( Turbochem 100 / 240 Prime )	72	3.15	13.20	0.42			0.10
		Any Analyser (Automation / Semi Automation )	728	3.19	10.00	0.32			0.02
7	URIC ACID II	Enzymatic / UriCase Colorimetric II	45	3.53	4.93	0.17			0.05
		Roche C111, C311, Integra 400 plus, C501, C502, C702	25	3.62	8.49	0.31			0.12
		Beckman AU480/680/5600/DXC700AU	111	3.96	16.16	0.64			0.12
		Mindray	210	4.26	17.03	0.72			0.10
		Biosystems	637	4.08	14.87	0.61	3.9 mg/dl	-0.30	0.05
		Transasia / Erba	206	3.79	18.99	0.72			0.10
		Agape	17	4.66	16.27	0.76			0.37
		Triviron ( Labmate / Nanolab Series )	203	4.30	18.53	0.80			0.11
		Robonik ( Semi automatic / Fully Automatic )	66	3.93	15.66	0.62			0.15
		CPC ( Turbochem 100 / 240 Prime )	776	4.39	19.07	0.84			0.06
		Any Analyser (Automation / Semi Automation )	44	102.93	4.97	5.12			1.54
8	CHOLESTROL II	CHOD-PAP II	28	102.09	6.32	6.46			2.44
		Roche C111, C311, Integra 400 plus, C501, C502, C702	152	107.75	8.79	9.47			1.54
		Mindray	255	107.48	10.36	11.14			1.40
		Biosystems	716	104.99	12.01	12.61	117 mg/dl	0.95	0.94
		Transasia / Erba	281	103.44	10.38	10.73			1.28
		Agape	26	104.76	7.45	7.80			3.06
		Triviron ( Labmate / Nanolab Series )	431	109.23	11.69	12.77			1.23
		Robonik ( Semi automatic / Fully Automatic )	66	105.17	10.69	11.24			2.77
		CPC ( Turbochem 100 / 240 Prime )	975	108.50	11.43	12.40			0.79
		Any Analyser (Automation / Semi Automation )	39	100.64	5.05	5.09			1.63
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	27	86.94	8.05	7.00			2.69
		Roche C111, C311, Integra 400 plus, C501, C502, C702	132	95.05	11.96	11.37			1.98
		Mindray	215	94.81	12.03	11.41			1.56
		Biosystems	605	85.49	17.53	14.98	92.2 mg/dl	0.45	1.22
		Transasia / Erba	186	90.90	13.77	12.52			1.84
		Agape	22	94.15	13.08	12.31			5.25
		Triviron ( Labmate / Nanolab Series )	189	95.57	14.49	13.84			2.01
		Robonik ( Semi automatic / Fully Automatic )	55	89.64	10.98	9.84			2.65
		CPC ( Turbochem 100 / 240 Prime )							

External Quality Assurance Scheme - Print Monthly All Result Summary

Any Analyser (Automation / Semi Automation)

803 96.54 15.20 14.68 1.04

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