



# CHRISTIAN MEDICAL COLLEGE

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



PC-1034

Lab Name: CITILAB HEALTHCARE INDIA PVT LTD  
Constituent Group: Chemistry I  
PT Item: Lymphokiaz Serum

Lab No: 6538  
Date of Result Entered: 12/07/2022  
Date of Report Published: 05/08/2022

Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	Participants			Mean Value	SD	CV
					CV	SD	CV			
1	GLUCOSE	GOD-POD	Transasia / Erba	924	219.80	6.71	21.47	339.4 mg/dL	0.91	1.41
2	UREA	Urease UV / GLDH	Transasia / Erba	938	131.80	8.04	10.60	138.6 mg/dL	0.64	0.69
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	459	4.41	6.53	0.29	4.76 mg/dL	1.22	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	961	0.97	19.05	0.18	0.95 mg/dL	-0.11	0.01
5	T-PROTEIN	Bland - Colorimetric	Transasia / Erba	952	5.08	7.45	0.45	7.30 g/dL	2.89	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	971	3.46	5.97	0.21	3.64 g/dL	0.87	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	558	10.20	8.48	0.86	10.9 mg/dL	0.81	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	440	7.09	9.74	0.69	7.86 mg/dL	1.11	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	915	3.53	11.63	0.41	3.4 mg/dL	-0.32	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	934	113.21	7.99	9.05	129 mg/dL	0.75	8.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	238.50	8.40	20.03	223.4 mg/dL	-0.78	1.35
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	892	27.55	10.30	2.84	25.4 mg/dL	-0.41	0.22
13	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	141.97	3.89	5.52	135.2 mmol/L	-1.23	0.73
14	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	234	5.29	5.81	0.31	5.05 mmol/L	-0.78	0.04
15	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	190	97.49	4.31	4.28	98 mmol/L	-0.35	0.61
16	AST	UV kinetic(with & without PLP [P-S-P])	Transasia / Erba	828	125.74	9.92	12.47	142.7 U/L	1.36	0.87
17	ALT	UV kinetic(with & without PLP [P-S-P])	Transasia / Erba	835	37.35	13.54	7.78	77 U/L	2.53	0.54
18	ALP	PNP AMP Kinetic	Transasia / Erba	824	233.68	14.44	33.74	264.1 U/L	0.90	2.35

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 :

CITILAB HEALTHCARE INDIA PVT LTD  
C/O Primicare Hospital 8th Floor, 8150,MM Road, (Near Bangalore East Railway Station) Frezer Town  
BENGALURU  
KARNATAKA560005

Coordinator Contact Details:  
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*Pamela Christudas*  
Dr. Pamela Christudas  
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 \*\*\*\*\*



## CHRISTIAN MEDICAL COLLEGE

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



Lab Name: CITILAB HEALTHCARE INDIA PVT LTD  
Constituent Group: HbA1c  
PT Item: Lyophilized Whole blood

Lab No: 6538  
Date of Result Entered: 12/07/2022  
Date of Report Published: 05/08/2022

Sl No.	Analyte	Method / Principle Name	Analyser Name	No of Participants	CV	Participants		Total Value	SDI	U
						CV	SD			
1	HbA1c	(OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	229	5.24	11.08	0.69	5.71 %	0.68	0.99

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±3.00	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

#### LAB ADDRESS :

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Contact Number: 0416-2283102

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

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# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name CITILAB HEALTHCARE INDIA PVT LTD  
Constituent Group Chemistry I  
PT Item Lyophilized Serum

Lab No 6528  
Date of Result Entered : 05/09/2022  
Date of Report Published : 05/09/2022

Sl.No	Analyte	Method / Principle Name	Analyser Name	No. of Participants	CV	Participation			Mean Value	SD	Z
						CV	SD	SI			
1	GLUCOSE	GOD-POD	Transasia / Erba	949	103.37	6.89	12.93		208.8 mg/dL	1.20	0.54
2	UREA	Urease UV / GLDH	Transasia / Erba	888	62.12	7.56	4.76		64.3 mg/dL	0.48	0.32
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	465	2.54	7.18	0.16		2.84 mg/dL	0.05	0.02
4	T.BILIRUBIN	Diazonium salt [ Colorimetric ] / Jendrassak	Transasia / Erba	942	3.62	10.23	0.37		3.25 mg/dL	-1.00	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	901	6.28	7.74	0.49		7.43 g/dL	2.37	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	967	3.00	5.54	0.13		3.62 g/dL	0.62	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	665	11.46	0.46	1.08		10.8 mg/dL	-0.52	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	438	5.49	8.84	0.48		8.6 mg/dL	2.29	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	923	5.29	3.19	0.49		3.8 mg/dL	-3.07	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	925	114.10	8.18	9.32		124 mg/dL	1.96	0.61
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	806	82.80	13.18	19.92		64.5 mg/dL	0.16	0.73
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	713	28.02	10.91	3.96		30.1 mg/dL	0.68	0.23
13	SODIUM	ISE - Indirect	Rocha C111, C311, Integra 400 plus, C501, C502, C702	214	141.85	3.26	4.62		141.3 mmol/L	-0.12	0.63
14	POTASSIUM	ISE - Indirect	Rocha C111, C311, Integra 400 plus, C501, C502, C702	240	4.76	5.29	0.25		4.75 mmol/L	0.00	0.03
15	CHLORIDE	ISE - Indirect	Rocha C111, C311, Integra 400 plus, C501, C502, C702	193	100.55	4.69	4.71		104.5 mmol/L	0.84	0.66
16	AST	UV kinetic(with & without PLP [P-S-P])	Transasia / Erba	843	64.89	11.90	7.75		38.6 U/L	-0.82	0.53
17	ALT	UV kinetic(with & without PLP [P-S-P])	Transasia / Erba	817	47.69	15.74	7.54		30.4 U/L	1.66	0.63
18	ALP	PHP AMP kinetic	Transasia / Erba	861	102.55	15.05	15.13		172 U/L	4.72	1.03

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.80	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :  
CITILAB HEALTHCARE INDIA PVT LTD  
C/O Primecare Hospital 6th Floor, #158,MM Road, (Near Bangalore East Railway Station) Fraser Town  
BENGALURU  
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Coordinator Contact Details:  
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Christian Medical College, Vellore

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## CHRISTIAN MEDICAL COLLEGE

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



Lab Name: CITILAB HEALTHCARE INDIA PVT LTD  
Constituent Group: HbA1c  
PT Item: Lyophilized Whole blood

Lab No: 6639  
Date of Result Entered: 08/06/2022  
Date of Report Published: 05/09/2022

Sl No	Analyte	Method / Principle / Name	Analyser Name	No. of Participants	CV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation)	213	5.58	11.42	0.75	6.7%	3.16	0.10

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 :

CITILAB HEALTHCARE INDIA PVT LTD  
CID Primcare Hospital 6th Floor, #552, MM Road, (Near Bangalore East Railway Station) Frazer Town  
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# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2022



Lab Name CITILAB HEALTHCARE INDIA PVT LTD

Lab No 6339

Constituent Group Chemistry I

Date of Result Entered : 02/09/2022

PT Item Lyophilized Serum

Date of Report Published : 05/10/2022

Sl. No	Analyte	Method / Principle Name	Analyser Name	No. of Participants	SD	Participants		Mean Value	SD	SI
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	957	185.74	6.15	11.43	212.7 mg/dL	2.36	0.74
2	UREA	Urease UV / GLDH	Transasia / Erba	894	100.59	7.45	7.49	104.6 mg/dL	0.54	0.50
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	462	3.21	6.46	0.21	3.24 mg/dL	0.14	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	925	3.03	9.51	0.29	2.56 mg/dL	-1.82	0.02
5	T-PROTEIN	Biloret - Colorimetric	Transasia / Erba	953	5.40	8.98	0.44	5.84 g/dL	1.91	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	978	3.11	5.75	0.16	3.14 g/dL	0.17	0.01
7	CALCIUM	Arsenate II	Transasia / Erba	578	10.43	8.73	8.91	10.5 mg/dL	0.08	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	460	4.47	9.50	0.42	3.97 mg/dL	-1.18	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	974	7.17	8.97	0.54	7 mg/dL	-9.26	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	950	99.42	9.19	9.13	92 mg/dL	-9.81	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	923	156.54	8.62	13.56	151.4 mg/dL	-0.38	0.39
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	706	25.89	11.94	3.99	28.5 mg/dL	0.84	0.23
13	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	335	136.80	3.83	5.24	136 mmol/L	-0.15	0.68
14	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	3.19	5.14	0.16	3.3 mmol/L	0.67	0.02
15	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	199	94.38	4.12	3.89	96.7 mmol/L	1.11	0.58
16	AST	UV kinetic(with & without PLP (P-S-P))	Transasia / Erba	843	83.00	10.96	6.24	85.9 U/L	3.56	0.44
17	ALT	UV kinetic(with & without PLP (P-S-P))	Transasia / Erba	831	88.88	14.46	12.54	111.5 U/L	1.96	0.87
18	ALP	PNP AMP kinetic	Transasia / Erba	867	66.65	15.42	18.25	145.4 U/L	7.66	0.70

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 :

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Coordinator Contact Details:  
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# CHRISTIAN MEDICAL COLLEGE

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



Lab Name: CITILAB HEALTHCARE INDIA PVT LTD  
Constituent Group: HbA1c  
PT Item: Lyophilized Whole blood

Lab No: 6538  
Date of Result Entered: 02/09/2022  
Date of Report Published: 05/10/2022

Sl.No.	Analyte	Method / Principle Name	Analyser Name	No. of Participants	CV	CV	SD	Mean Value	SDI	U
1	HbA1c	OTHERS [ Any Other Principles / Methods ]	Any Analyser (Automation / Semi Automation)	233	6.16	6.43	0.58	6.4 %	0.41	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.

LAB ADDRESS :  
CITILAB HEALTHCARE INDIA PVT LTD  
C/O Primicare Hospital 6th Floor, #158, MM Road, (Near Bangalore East Railway Station) Frazer Town  
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