



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name HCLLOUD DIAGNOSTICS Lab No 16660
 Constituent Group Chemistry I Date of Result Entered : 19/01/2023
 PT item Lyophilized Serum Date of Report Published : 09/02/2023

Sl. No	Analyte	Method / Principle Name	Analyzer Model	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	157	174.21	4.68	8.15	190.6 mg/dL	2.01	1.30
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	32.7 mg/dL	0.65	0.19
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	418	1.36	8.14	0.11	1.2 mg/dL	-1.44	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.16 mg/dL	0.12	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	5.35 g/dL	-0.55	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.3 g/dL	0.16	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	9.9 mg/dL	0.40	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	414	6.21	8.97	0.56	6.78 mg/dL	1.02	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	5 mg/dL	0.26	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	847	106.43	8.10	8.62	108 mg/dL	0.18	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	818	90.47	9.90	8.95	90.2 mg/dL	-0.03	0.63
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	652	26.78	9.81	2.63	27.4 mg/dL	0.24	0.21
13	SODIUM	ISE - Indirect	Any Analyser	534	132.33	3.10	4.10	131.9 mmol/L	-0.10	0.36
14	POTASSIUM	ISE - Indirect	Any Analyser	533	3.42	4.98	0.17	3.39 mmol/L	-0.18	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	404	97.55	4.09	3.99	95.8 mmol/L	-0.44	0.40
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	51.6 U/L	0.04	0.39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	56.4 U/L	-0.64	0.52
18	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	103 U/L	-0.15	1.15
19	AMYLASE	CNPG3	Transasia / Erba	407	33.02	16.95	5.60	33 U/L	0.00	0.55
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	109	161.18	10.71	17.26	178.1 ug/dL	0.98	3.31
21	UIBC	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	16	89.86	15.12	13.58	89.7 ug/dL	-0.01	6.79

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.



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name HCLLOUD DIAGNOSTICS Lab No 16660
Constituent Group Chemistry I Date of Result Entered : 17/02/2023
PT item Lyophilized human serum based Date of Report Published : 08/03/2023

S.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	182	120.06	5.58	6.70	134.9 mg/dL	2.22	0.99
2	UREA	Urease UV / GLDH	Transasia / Erba	859	133.49	7.29	9.73	150 mg/dL	1.70	0.66
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	446	5.23	5.78	0.30	5.48 mg/dL	0.83	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	868	1.40	12.53	0.18	1.42 mg/dL	0.11	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	901	4.86	8.02	0.39	4.83 g/dL	-0.08	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	936	2.91	5.71	0.17	3.03 g/dL	0.72	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	683	10.68	8.49	0.91	11 mg/dL	0.35	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	421	4.17	9.00	0.38	4.29 mg/dL	0.32	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	855	7.64	7.82	0.60	8.2 mg/dL	0.94	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	916	93.41	8.38	7.82	108 mg/dL	1.86	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	814	67.78	13.06	8.85	81.4 mg/dL	1.54	0.62
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	693	23.26	10.02	2.33	27 mg/dL	1.60	0.18
13	SODIUM	ISE - Indirect	Any Analyser	540	120.46	3.87	4.66	119.5 mmol/L	-0.21	0.40
14	POTASSIUM	ISE - Indirect	Any Analyser	556	4.99	5.73	0.29	5.19 mmol/L	0.70	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	399	92.82	4.64	4.30	90.4 mmol/L	-0.52	0.43
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	859	201.21	10.52	21.16	205.7 U/L	0.21	1.44
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	863	51.97	13.88	7.22	45.3 U/L	-0.92	0.49
18	ALP	PNP AMP kinetic	Transasia / Erba	847	226.52	15.31	34.68	321 U/L	2.72	2.38
19	AMYLASE	CNPG3	Transasia / Erba	442	61.04	16.82	10.27	58 U/L	-0.30	0.98
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	119	95.69	10.53	10.07	130 ug/dL	3.41	1.85

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 :
HCLLOUD DIAGNOSTICS
HCLLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
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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 *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2023



PC-1024

Lab Name HCLLOUD DIAGNOSTICS Lab No 16660
Constituent Group Chemistry I Date of Result Entered : 21/03/2023
PT Item Lyophilized human serum based Date of Report Published : 04/04/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	190	330.16	5.20	17.16	341.4 mg/dL	0.66	2.49
2	UREA	Urease UV / GLDH	Transasia / Erba	966	59.30	7.82	4.64	58 mg/dL	-0.28	0.30
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	475	1.94	6.54	0.13	2.09 mg/dL	1.18	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	5.68	8.79	0.50	4.86 mg/dL	-1.64	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.56	7.31	0.41	5.75 g/dL	0.47	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	964	3.29	5.81	0.19	3.42 g/dL	0.68	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	656	9.60	7.79	0.75	8.8 mg/dL	-1.07	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	427	8.40	8.20	0.69	8.86 mg/dL	0.67	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	873	4.20	7.95	0.33	4.3 mg/dL	0.30	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	964	102.64	8.73	8.96	101 mg/dL	-0.18	0.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	887	126.73	8.24	10.45	131.2 mg/dL	0.43	0.70
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	724	26.13	10.66	2.79	28.8 mg/dL	0.96	0.21
13	SODIUM	ISE - Indirect	Any Analyser	544	137.41	2.92	4.01	141.5 mmol/L	1.02	0.34
14	POTASSIUM	ISE - Indirect	Any Analyser	554	4.06	4.75	0.19	4.22 mmol/L	0.83	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	402	99.95	4.28	4.28	99 mmol/L	-0.22	0.43
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	896	71.85	10.25	7.37	76.6 U/L	0.64	0.49
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	889	211.96	13.23	28.05	205.2 U/L	-0.24	1.88
18	ALP	PNP AMP kinetic	Transasia / Erba	726	38.85	21.99	8.54	36 U/L	-0.33	0.63
19	AMYLASE	CNPG3	Transasia / Erba	443	82.12	17.42	14.30	74 U/L	-0.57	1.36
20	IKUN	Irritene (no protein Removal)	Any Analyser (Automation / Semi Automation)	135	115.24	12.96	14.93	167.3 ug/dL	3.49	2.57

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 :

HCLLOUD DIAGNOSTICS
HCLLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
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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 *****

Lab Name H CLOUD DIAGNOSTICS
 Lab No 16660
 Month April
 Year 2023
 Constituent Chemistry I
 Group

Details About Robust Analysis

Detail About Monthly Summary

Detail about SDI

Click on the analyte to view Graphical Data

All Analyser Result Print
 Print Non Accredited Analytes

Date of Result Entered : 19/04/2023

Date of Report Published : 08/05/2023

1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	192	149.22	5.43	8.10	157.3 mg/dL	1.00	1.17
2	UREA	Urease UV / GLDH	Transasia / Erba	966	37.88	9.44	3.57	36.8 mg/dL	-0.30	0.23
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	473	2.96	6.14	0.18	3 mg/dL	0.22	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	927	2.94	10.57	0.31	2.39 mg/dL	-1.77	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	987	5.70	7.25	0.41	7.02 g/dL	3.20	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	920	3.38	5.21	0.18	3.57 g/dL	1.08	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	666	11.42	8.17	0.93	11.6 mg/dL	0.19	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	921	5.71	7.98	0.46	5.8 mg/dL	0.20	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	958	113.42	8.01	9.09	113 mg/dL	-0.05	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	898	86.25	11.49	9.91	83 mg/dL	-0.33	0.66
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	729	27.01	10.88	2.94	28.7 mg/dL	0.57	0.22
12	SODIUM	ISE - Indirect	Any Analyser	543	131.91	2.91	3.84	131 mmol/L	-0.24	0.33
13	POTASSIUM	ISE - Indirect	Any Analyser	538	5.41	5.97	0.32	5.66 mmol/L	0.77	0.03
14	CHLORIDE	ISE - Indirect	Any Analyser	410	102.31	3.99	4.08	102.8 mmol/L	0.12	0.40
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	91.47	10.35	9.47	96.3 U/L	0.51	0.62
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	926	69.93	15.69	10.97	71.7 U/L	0.16	0.72
17	ALP	PNP AMP kinetic	Transasia / Erba	893	99.42	14.64	14.56	140 U/L	2.79	0.97
18	AMYLASE	CNPG3	Transasia / Erba	463	35.45	17.25	6.12	35 U/L	-0.07	0.57
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	154	160.91	14.75	23.73	116.7 ug/dL	-1.86	3.83
20	MAGNESIUM	Xylidyl Blue	Transasia / Erba	79	2.79	16.86	0.47	3.18 mg/dL	0.83	0.11
21	UIBC	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	31	88.27	16.93	14.95	93.8 ug/dL	0.37	5.37

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 Name HCLLOUD DIAGNOSTICS
 Lab No 16660
 Month May
 Year 2023
 Constituent Group Chemistry I

Details About Robust Analysis

Detail About Monthly Summary

Detail about SDI

Click on the analyte to view Graphical Data

All Analyser Result Print

Print Non Accredited Analytes

Date of Result Entered : 20/05/2023

Date of Report Published : 05/06/2023

Sl No.	Analyte	Method	Instrument	CV	SD	Value	SDI			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	181	248.45	4.99	12.40	259.1 mg/dL	0.86	1.84
2	UREA	Urease UV / GLDH	Transasia / Erba	938	78.15	7.38	5.77	76.5 mg/dL	-0.29	0.38
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	483	1.55	7.15	0.11	1.48 mg/dL	-0.63	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	973	4.04	9.87	0.40	3.55 mg/dL	-1.23	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	950	5.35	7.84	0.42	5.95 g/dL	1.43	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	985	3.17	5.51	0.18	3.3 g/dL	0.74	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	710	9.56	8.81	0.84	8.7 mg/dL	-1.02	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	910	8.77	7.20	0.63	9.6 mg/dL	1.31	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	965	104.58	7.53	7.88	121 mg/dL	2.08	0.51
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	924	115.34	8.86	10.22	119.6 mg/dL	0.42	0.67
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	24.66	10.89	2.68	25.5 mg/dL	0.31	0.20
12	SODIUM	ISE - Indirect	Any Analyser	545	134.60	2.73	3.67	138.4 mmol/L	1.04	0.31
13	POTASSIUM	ISE - Indirect	Any Analyser	543	3.15	5.97	0.19	3.13 mmol/L	-0.11	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	415	98.20	3.74	3.68	97.3 mmol/L	-0.24	0.36
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	906	139.68	10.13	14.15	135.6 U/L	-0.29	0.94
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	907	76.70	15.69	12.04	40.5 U/L	-3.01	0.80
17	ALP	PNP AMP kinetic	Transasia / Erba	878	299.55	15.52	46.49	378 U/L	1.69	3.14
18	AMYLASE	CNPG3	Transasia / Erba	465	69.56	17.54	12.20	66 U/L	-0.29	1.13
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	128	83.71	14.16	11.85	55.4 ug/dL	-2.39	2.10
20	MAGNESIUM	Xylidyl Blue	Transasia / Erba	95	2.19	14.02	0.31	2.76 mg/dL	1.86	0.06
21	UIBC	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	31	143.62	12.09	17.36	62.1 ug/dL	-4.7	6.24

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.

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	Chemistry I	Date of Result Entered :	20/06/2023
PT item	Lyophilized human serum based	Date of Report Published :	04/07/2023

Sl. No	Parameter	Method	Manufacturer	Run	Mean	SD	CV	Target	SDI	SDI
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	175	123.93	5.10	6.33	142.6 mg/dL	2.95	0.96
2	UREA	Urease UV / GLDH	Transasia / Erba	939	48.12	7.85	3.78	48.6 mg/dL	0.13	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	476	2.04	6.52	0.13	2.12 mg/dL	0.60	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	969	2.83	11.99	0.34	2.77 mg/dL	-0.18	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	944	6.00	6.81	0.41	6.87 g/dL	2.13	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	966	3.55	5.84	0.21	3.77 g/dL	1.06	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	682	10.21	7.80	0.80	11.1 mg/dL	1.12	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	925	5.11	8.87	0.45	5.5 mg/dL	0.86	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	935	116.36	7.89	9.18	114 mg/dL	-0.26	0.60
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	912	156.09	8.37	13.06	161.8 mg/dL	0.44	0.86
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	738	28.29	10.87	3.08	29.7 mg/dL	0.46	0.23
12	SODIUM	ISE - Indirect	Any Analyser	538	134.20	2.90	3.89	133.8 mmol/L	-0.10	0.34
13	POTASSIUM	ISE - Indirect	Any Analyser	561	5.19	5.99	0.31	5.46 mmol/L	0.87	0.03
14	CHLORIDE	ISE - Indirect	Any Analyser	402	101.41	3.87	3.93	101.5 mmol/L	0.02	0.39
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	68.05	10.67	7.26	70.8 U/L	0.38	0.48
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	862	46.05	14.31	6.59	47.3 U/L	0.19	0.45
17	ALP	PNP AMP kinetic	Transasia / Erba	886	108.12	15.29	16.54	123 U/L	0.90	1.11
18	AMYLASE	CNPG3	Transasia / Erba	432	54.32	14.34	7.79	53 U/L	-0.17	0.75
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	148	142.79	10.43	14.90	134.8 ug/dL	-0.54	2.45
20	MAGNESIUM	Xylidyl Blue	Transasia / Erba	65	2.47	13.45	0.33	2.95 mg/dL	1.45	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.

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

H CLOUD DIAGNOSTICS

Lab No

16660

Chemistry I

Date of Result Entered :

20/07/2023

Lyophilized human serum based

Date of Report Published :

07/08/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	167	282.20	4.77	13.45	274.2 mg/dL	-0.59	2.08
2	UREA	Urease UV / GLDH	Transasia / Erba	936	65.47	7.64	5.00	59.8 mg/dL	-1.13	0.33
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	477	4.42	5.66	0.25	4.14 mg/dL	-1.12	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	949	3.51	9.32	0.33	3.03 mg/dL	-1.47	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	968	6.14	6.87	0.42	6.55 g/dL	0.97	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	983	3.59	5.24	0.19	3.48 g/dL	-0.59	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	10.28	7.24	0.74	10.1 mg/dL	-0.24	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	443	5.35	8.25	0.44	5.89 mg/dL	1.22	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	932	6.10	7.64	0.47	6 mg/dL	-0.21	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	936	121.13	6.92	8.38	106 mg/dL	-1.81	0.55
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	692	138.26	7.58	10.48	106.2 mg/dL	-3.06	0.80
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	726	29.95	10.29	3.08	29.1 mg/dL	-0.28	0.23
13	SODIUM	ISE - Indirect	Any Analyser	541	133.27	2.90	3.87	126 mmol/L	-1.88	0.33
14	POTASSIUM	ISE - Indirect	Any Analyser	539	4.25	4.94	0.21	4.15 mmol/L	-0.48	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	402	100.62	3.66	3.68	93.1 mmol/L	-2.04	0.37
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	915	204.74	8.96	18.35	194.8 U/L	-0.54	1.21
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	927	277.56	11.78	32.69	266.7 U/L	-0.33	2.15
18	ALP	PNP AMP kinetic	Transasia / Erba	918	210.77	15.90	33.52	314 U/L	3.08	2.21
19	AMYLASE	CNPG3	Transasia / Erba	473	50.33	17.59	8.85	46 U/L	-0.49	0.81
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	147	208.38	11.82	24.64	211 ug/dL	0.11	4.06
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	78	3.05	17.21	0.52	3.04 mg/dL	-0.02	0.12

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 :

H CLOUD DIAGNOSTICS

H CLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name HCLLOUD DIAGNOSTICS Lab No 16660
 Constituent Group Chemistry I Date of Result Entered : 23/08/2023
 PT item Lyophilized human serum based Date of Report Published : 01/09/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Year Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	174	62.91	7.69	4.84	66.5 mg/dL	0.74	0.73
2	UREA	Urease UV / GLDH	Transasia / Erba	941	18.54	11.04	2.05	17.2 mg/dL	-0.65	0.13
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	498	0.78	11.68	0.09	0.71 mg/dL	-0.77	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	891	0.78	17.35	0.14	0.48 mg/dL	-2.21	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	5.93	7.09	0.42	6.21 g/dL	0.67	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1015	3.50	5.51	0.19	3.38 g/dL	-0.62	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	702	9.86	7.57	0.75	11.8 mg/dL	2.60	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	445	3.68	10.77	0.40	3.73 mg/dL	0.13	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	943	3.89	8.59	0.33	4 mg/dL	0.33	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	981	120.52	7.26	8.74	113 mg/dL	-0.86	0.56
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	921	95.56	11.05	10.56	91.6 mg/dL	-0.37	0.70
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	28.87	10.70	3.09	35.1 mg/dL	2.02	0.23
13	SODIUM	ISE - Indirect	Any Analyser	547	128.57	3.20	4.11	127.6 mmol/L	-0.24	0.35
14	POTASSIUM	ISE - Indirect	Any Analyser	538	2.58	8.02	0.21	2.57 mmol/L	-0.05	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	413	96.91	4.39	4.26	94.9 mmol/L	-0.47	0.42
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	964	33.97	13.39	4.55	32.5 U/L	-0.32	0.29
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	886	26.00	17.22	4.48	25.3 U/L	-0.16	0.30
18	ALP	PNP AMP kinetic	Transasia / Erba	929	107.17	15.28	16.38	109 U/L	0.11	1.07
19	AMYLASE	CNPG3	Transasia / Erba	459	39.62	16.32	6.46	31 U/L	-1.33	0.60
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	142	103.39	13.11	13.56	66.3 ug/dL	-2.74	2.28
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	92	1.96	15.59	0.30	3.7 mg/dL	5.8	0.06

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 :

HCLLOUD DIAGNOSTICS

HCLLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name HCLOUD DIAGNOSTICS **Lab No** 16660
Constituent Group Chemistry I **Date of Result Entered :** 20/09/2023
PT item Lyophilized human serum based **Date of Report Published :** 05/10/2023

Sl No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	168	208.44	4.90	10.20	223.7 mg/dL	1.50	1.57
2	UREA	Urease UV / GLDH	Transasia / Erba	943	112.33	7.49	8.41	128.4 mg/dL	1.91	0.55
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	501	7.94	5.57	0.44	8.49 mg/dL	1.24	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	1.95	12.89	0.25	1.84 mg/dL	-0.44	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	966	5.78	7.23	0.42	5.94 g/dL	0.38	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1000	3.42	5.18	0.18	3.28 g/dL	-0.79	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	711	10.68	7.21	0.77	10.6 mg/dL	-0.10	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	464	6.04	9.26	0.56	6.61 mg/dL	1.02	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	987	7.30	8.21	0.60	7.7 mg/dL	0.67	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	991	116.86	7.90	9.24	87 mg/dL	-3.23	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	905	94.35	12.17	11.48	79 mg/dL	-1.34	0.76
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	762	27.49	11.10	3.05	30.2 mg/dL	0.89	0.22
13	SODIUM	ISE - Indirect	Any Analyser	534	133.77	2.35	3.14	132.9 mmol/L	-0.28	0.27
14	POTASSIUM	ISE - Indirect	Any Analyser	556	4.70	5.57	0.26	4.7 mmol/L	0.00	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	411	101.50	3.61	3.67	101.1 mmol/L	-0.11	0.36
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	965	92.85	10.15	9.42	95.6 U/L	0.29	0.61
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	948	53.35	13.79	7.36	49.5 U/L	-0.52	0.48
18	ALP	PNP AMP kinetic	Transasia / Erba	914	155.19	15.33	23.79	145 U/L	-0.43	1.57
19	AMYLASE	CNPG3	Transasia / Erba	464	89.57	16.32	14.62	82 U/L	-0.52	1.36
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	131	74.80	15.71	11.75	155.2 ug/dL	6.84	2.05
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	74	2.38	15.42	0.37	3.68 mg/dL	3.51	0.09

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 :

HCLOUD DIAGNOSTICS

HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Name: HCLLOUD DIAGNOSTICS Lab No: 16660
 Constituent Group: Chemistry I Date of Result Entered: 21/10/2023
 PT item: Lyophilized human serum based Date of Report Published: 04/11/2023

Sl No	Analyte	Method / Principle Name	Analyser Name	No. of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	168	363.80	4.34	15.80	390.3 mg/dL	1.68	2.44
2	UREA	Urease UV / GLDH	Transasia / Erba	959	43.19	8.83	3.81	43.7 mg/dL	0.13	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	487	7.52	5.31	0.40	7.51 mg/dL	-0.03	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	950	1.30	14.34	0.19	1.3 mg/dL	0.00	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	974	5.15	7.24	0.37	4.27 g/dL	-2.36	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.10	4.94	0.15	3 g/dL	-0.65	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	11.65	7.89	0.92	12.2 mg/dL	0.60	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	412	3.85	9.91	0.38	3.6 mg/dL	-0.65	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	951	10.95	8.33	0.91	11 mg/dL	0.05	0.06
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1001	99.45	8.00	7.95	93 mg/dL	-0.81	0.50
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	829	62.88	11.26	7.08	55.8 mg/dL	-1.00	0.49
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	25.99	11.80	3.07	39.6 mg/dL	4.43	0.23
13	SODIUM	ISE - Indirect	Any Analyser	555	137.38	2.95	4.06	134.9 mmol/L	-0.61	0.34
14	POTASSIUM	ISE - Indirect	Any Analyser	542	5.64	6.61	0.37	5.7 mmol/L	0.16	0.03
15	CHLORIDE	ISE - Indirect	Any Analyser	416	102.67	4.04	4.15	103.6 mmol/L	0.22	0.41
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	966	95.96	10.06	9.65	95.4 U/L	-0.06	0.62
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	923	123.06	14.72	18.12	125.7 U/L	0.15	1.19
18	ALP	PNP AMP kinetic	Transasia / Erba	837	457.83	15.22	69.68	480 U/L	0.32	4.82
19	AMYLASE	CNPG3	Transasia / Erba	454	121.97	15.96	19.47	100 U/L	-1.13	1.83
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	138	192.49	11.93	22.97	232.3 ug/dL	1.73	3.91
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	67	1.66	15.57	0.26	1.56 mg/dL	-0.39	0.06

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.



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name HCLLOUD DIAGNOSTICS Lab No 16660
 Constituent Group Chemistry I Date of Result Entered : 18/11/2023
 PT item Lyophilized human serum based Date of Report Published : 05/12/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	179	96.75	5.05	4.89	99.5 mg/dL	0.56	0.73
2	UREA	Urease UV / GLDH	Transasia / Erba	926	92.07	7.06	6.50	96.4 mg/dL	0.67	0.43
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	500	1.13	8.99	0.10	1.12 mg/dL	-0.10	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	954	8.04	8.84	0.71	8.95 mg/dL	1.28	0.05
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	999	4.22	9.05	0.38	6.16 g/dL	5.11	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	967	2.56	6.73	0.17	2.49 g/dL	-0.41	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	667	8.32	8.77	0.73	7.8 mg/dL	-0.71	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	444	6.94	9.05	0.63	7.32 mg/dL	0.61	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	879	3.53	8.85	0.31	3.6 mg/dL	0.22	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	944	70.16	11.67	8.19	65 mg/dL	-0.63	0.53
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	947	152.99	7.31	11.18	152.6 mg/dL	-0.03	0.73
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	20.92	13.49	2.82	32.6 mg/dL	4.14	0.21
13	SODIUM	ISE - Indirect	Any Analyser	531	122.12	3.75	4.57	118.6 mmol/L	-0.77	0.40
14	POTASSIUM	ISE - Indirect	Any Analyser	537	3.30	5.06	0.17	3.33 mmol/L	0.18	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	399	90.25	5.37	4.85	85.7 mmol/L	-0.94	0.49
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	969	104.82	12.06	12.64	114.7 U/L	0.78	0.81
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	860	29.21	17.70	5.17	29.4 U/L	0.04	0.35
18	ALP	PNP AMP kinetic	Transasia / Erba	916	90.43	18.44	16.68	103 U/L	0.75	1.10
19	AMYLASE	CNPG3	Transasia / Erba	458	26.48	17.92	4.75	22 U/L	-0.94	0.44
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	132	112.05	10.00	11.21	111.1 ug/dL	-0.08	1.95
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	63	3.59	16.04	0.58	3.02 mg/dL	-0.99	0.15

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.

VIEW LAB MONTHLY SUMMARY

Lab Name HCLOUD DIAGNOSTICS
 Lab No 16660
 Month December
 Year 2023
 Constituent Group Chemistry I

Details About Robust Analysis
 Detail About Monthly Summary
 Detail about SDI

Click on the analyte to view Graphical Data

All Analyser Result Print
 Print Non Accredited Analytes

Date of Result Entered : 19/12/2023

Date of Report Published : 02/01/2024

Sl No	Analyte	Method	Instrument	No of Samples	CV	CV	SD	CV	CV	CV	CV
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	174	205.91	4.74	9.76	239.9 mg/dL	3.48	1.48	
2	UREA	Urease UV / GLDH	Transasia / Erba	939	111.72	6.88	7.69	120.3 mg/dL	1.12	0.50	
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	517	7.89	5.75	0.45	8.01 mg/dL	0.26	0.04	
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	929	1.93	11.77	0.23	1.99 mg/dL	0.26	0.01	
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.72	6.90	0.40	5 g/dL	-1.82	0.03	
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1009	3.40	5.29	0.18	3.46 g/dL	0.33	0.01	
7	CALCIUM	Arsenazo III	Transasia / Erba	695	10.63	6.71	0.71	11.8 mg/dL	1.64	0.05	
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	449	6.13	9.54	0.58	6.57 mg/dL	0.75	0.06	
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1013	7.21	8.71	0.63	8.2 mg/dL	1.58	0.04	
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	988	116.61	7.69	8.97	125 mg/dL	0.94	0.57	
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	939	91.37	11.93	10.90	96.5 mg/dL	0.47	0.71	
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	759	28.00	11.80	3.30	35.1 mg/dL	2.15	0.24	
13	SODIUM	ISE - Indirect	Any Analyser	549	133.22	2.83	3.77	116.1 mmol/L	-4.54	0.32	
14	POTASSIUM	ISE - Indirect	Any Analyser	543	4.68	5.32	0.25	4.62 mmol/L	-0.24	0.02	
15	CHLORIDE	ISE - Indirect	Any Analyser	421	100.80	3.83	3.86	112.3 mmol/L	2.98	0.38	
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	989	91.74	9.48	8.70	92.4 U/L	0.08	0.55	
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	988	52.67	12.91	6.80	57.2 U/L	0.67	0.43	
18	ALP	PNP AMP kinetic	Transasia / Erba	913	152.72	15.23	23.25	164 U/L	0.49	1.54	
19	AMYLASE	CNPG3	Transasia / Erba	480	90.04	16.23	14.61	88 U/L	-0.14	1.33	
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	125	74.63	15.98	11.92	124.1 ug/dL	4.15	2.13	
21	MAGNESIUM	Xylidyl Blue	Transasia / Erba	94	2.36	13.76	0.32	3.1 mg/dL	2.28	0.07	
22	UIBC	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	28	169.02	9.33	15.78	166.7 ug/dL	-0.15	5.96	

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.



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	19/01/2023
PT item	Lyophilized Whole blood	Date of Report Published :	09/02/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	311	6.09	11.39	0.69	6.4 %	0.45	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 :

HCLOUD DIAGNOSTICS
HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
BENGALURU
KARNATAKA560078

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 *****

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2023



Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	17/02/2023
PT Item	Lyophilized human whole blood based	Date of Report Published :	08/03/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	Z
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	294	7.92	12.81	1.01	10.6 %	2.65	0.12

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 :
 HCLOUD DIAGNOSTICS
 HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
 BENGALURU
 KARNATAKA560078

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Dr. Pamela Christudoss
 CMC EQAS Coordinator
 Christian Medical College, Vellore

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 ***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2023



PC-1024

Lab Name HCLOUD DIAGNOSTICS
Constituent Group HbA1c
PT item Lyophilized human whole blood based

Lab No 16660
Date of Result Entered : 20/03/2023
Date of Report Published : 04/04/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	CV	Participants CV	SD	Your Value	SDI	U
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	312	6.29	11.79	0.74	6.8 %	0.69	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 :

HCLOUD DIAGNOSTICS
HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
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***** End of Report *****

VIEW LAB MONTHLY SUMMARY

Lab Name HCLOUD DIAGNOSTICS
 Lab No 16660
 Month April
 Year 2023
 Constituent Group HbA1c

[Details About Robust Analysis](#)[Detail About Monthly Summary](#)[Detail about SDI](#)

Click on the analyte to view Graphical Data

[All Analyser Result](#)[Print](#)

Date of Result Entered : 19/04/2023

Date of Report Published : 06/05/2023

Sl No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Year Value	SD	U
						CV	SU			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	327	7.54	12.78	0.96	7.3 %	-0.25	0.11

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.

Links

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Yearly Summary	Change Password	Home	Sign-out

VIEW LAB MONTHLY SUMMARY

Lab Name HCLOUD DIAGNOSTICS
Lab No 16660
Month May
Year 2023
Constituent Group HbA1c

[Details About Robust Analysis](#)

[Detail About Monthly Summary](#)

[Detail about SDI](#)

Click on the analyte to view Graphical Data

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Date of Result Entered : 20/05/2023

Date of Report Published : 05/06/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants DV	SD	Your Value	z-SD	U
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	337	6.35	11.88	0.75	7 %	0.86	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.

Links

Modify Address	Modify Methods	Submit Lab Results	View Lab Monthly Summary
Yearly Summary	Change Password	Home	Sign-out



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	20/06/2023
PT item	Lyophilized human whole blood based	Date of Report Published :	04/07/2023

Sl. No.	Analyte	Method / Procedure Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Mean value	SD	CV
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	327	7.45	11.89	0.89	7.2 %	-0.28	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 :

HCLOUD DIAGNOSTICS

HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR

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Homogeneity and Stability of the sample is passed.
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 ***** End of Report *****

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	20/07/2023
PT item	Lyophilized human whole blood based	Date of Report Published :	07/08/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	338	7.31	13.32	0.97	9.2 %	1.94	0.11

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 :

HCLOUD DIAGNOSTICS
 HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	23/08/2023
PT item	Lyophilized human whole blood based	Date of Report Published :	01/09/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	314	6.32	12.49	0.79	7.6 %	1.62	0.09

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 :

HCLOUD DIAGNOSTICS

HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR

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Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

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***** End of Report *****

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name HCLOUD DIAGNOSTICS Lab No 16660
 Constituent Group HbA1c Date of Result Entered : 20/09/2023
 PT item Lyophilized human whole blood based Date of Report Published : 05/10/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	317	7.59	13.18	1.00	8.4 %	0.81	0.11

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.

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 Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

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***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name HCLOUD DIAGNOSTICS Lab No 16660
Constituent Group HbA1c Date of Result Entered : 21/10/2023
PT item Lyophilized human whole blood based Date of Report Published : 04/11/2023

Sl No	Analyte	Method	Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
							CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay		Any Analyser	288	6.55	10.44	0.68	6.5 %	-0.07	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 :

HCLOUD DIAGNOSTICS
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CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.
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***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
 CMC EXTERNAL QUALITY ASSURANCE SCHEME
 MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name	HCLOUD DIAGNOSTICS	Lab No	16660
Constituent Group	HbA1c	Date of Result Entered :	18/11/2023
PT item	Lyophilized human whole blood based	Date of Report Published :	05/12/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	305	7.45	12.44	0.93	8.9 %	1.56	0.11

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 :

HCLOUD DIAGNOSTICS
 HCLOUD HEALTHCARE CENTRE, 161 B, 6TH MAIN, 3RD CROSS ROAD, 3RD PHASE, JP NAGAR
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 ***** End of Report *****

VIEW LAB MONTHLY SUMMARY

Lab Name HCLOUD DIAGNOSTICS
Lab No 16660
Month December
Year 2023
Constituent Group HbA1c

[Details About Robust Analysis](#)

[Detail About Monthly Summary](#)

[Detail about SDI](#)

Click on the analyte to view Graphical Data

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Date of Result Entered : 19/12/2023

Date of Report Published : 02/01/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SD	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	345	6.16	12.39	0.76	6.6 %	0.58	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.

Links

Modify Address	Modify Methods	Submit Lab Results	View Lab Monthly Summary
Yearly Summary	Change Password	Home	Sign-out