



CHRISTIAN MEDICAL COLLEGE

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



Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **17/09/2022**
PT item **Lyophilized Serum** Date of Report Published : **05/10/2022**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	84	188.02	8.91	16.76	178.9 mg/dL	-0.54	3.66
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	65	52.04	9.80	5.10	46.5 mg/dL	-1.09	1.26
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	55	2.60	12.07	0.31	2.5 mg/dL	-0.32	0.08
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	72	2.98	13.68	0.41	2.5 mg/dL	-1.18	0.10
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	58	5.55	9.21	0.51	5.6 g/dL	0.10	0.13
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	72	3.29	9.67	0.32	3.8 g/dL	1.60	0.07
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	71	5.49	8.98	0.49	4.8 mg/dL	-1.40	0.12
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	78	108.93	11.51	12.54	103 mg/dL	-0.47	2.84
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	76	175.63	10.34	18.16	177.8 mg/dL	0.12	4.17

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 :

HITECH DIAGNOSTIC CENTER
107-A, PALAYA KOTTAI ROAD, NEAR DR.MURALI HOSPITAL
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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 *****



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



Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **17/10/2022**
PT item **Lyophilized Serum** Date of Report Published : **03/11/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	81	366.47	9.29	34.05	378.3 mg/dL	0.35	7.57
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	66	35.06	11.52	4.04	35.3 mg/dL	0.06	0.99
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	59	1.45	11.42	0.17	1.4 mg/dL	-0.30	0.04
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	66	1.34	13.05	0.18	1 mg/dL	-1.94	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	62	5.41	8.10	0.44	4.7 g/dL	-1.62	0.11
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	70	3.28	8.18	0.27	3.2 g/dL	-0.30	0.06
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	66	7.47	9.28	0.69	8.1 mg/dL	0.91	0.17
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	72	114.67	10.12	11.60	118.6 mg/dL	0.34	2.73
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	76	233.25	12.04	28.07	247.7 mg/dL	0.51	6.44

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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Pamela Christudoss
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 - NOVEMBER 2022



Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **17/11/2022**
PT item **Lyophilized Serum** Date of Report Published : **06/12/2022**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	76	190.15	9.19	17.48	204 mg/dL	0.79	4.01
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	65	51.59	11.07	5.71	57.7 mg/dL	1.07	1.42
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	53	2.63	10.95	0.29	3 mg/dL	1.28	0.08
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	63	3.00	9.84	0.30	3.1 mg/dL	0.34	0.07
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	62	5.55	10.29	0.57	5.6 g/dL	0.09	0.15
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	71	3.31	8.35	0.28	4.7 g/dL	5.04	0.07
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	62	5.52	9.69	0.54	5.4 mg/dL	-0.22	0.14
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	67	109.60	11.01	12.07	113.9 mg/dL	0.36	2.95
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	67	176.13	10.30	18.14	185.7 mg/dL	0.53	4.43

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - DECEMBER 2022



Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **20/12/2022**
PT item **Lyophilized Serum** Date of Report Published : **05/01/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	80	167.19	8.71	14.57	181 mg/dL	0.95	3.26
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	56	91.10	9.29	8.47	100.5 mg/dL	1.11	2.26
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	62	1.09	13.90	0.15	1.1 mg/dL	0.07	0.04
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	68	2.01	14.41	0.29	2.2 mg/dL	0.66	0.07
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	61	4.74	15.14	0.72	5.1 g/dL	0.50	0.18
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	73	2.65	12.87	0.34	2.1 g/dL	-1.61	0.08
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	66	5.12	12.05	0.62	5 mg/dL	-0.19	0.15
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	74	90.05	16.75	15.08	90.2 mg/dL	0.01	3.51
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	68	83.04	17.28	14.35	88 mg/dL	0.35	3.48

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2023



Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **18/01/2023**
PT item **Lyophilized Serum** Date of Report Published : **09/02/2023**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	88	165.58	8.48	14.04	173 mg/dL	0.53	2.99
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	73	33.13	11.38	3.77	32 mg/dL	-0.30	0.88
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	72	1.40	11.38	0.16	1.8 mg/dL	2.52	0.04
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	82	3.09	12.72	0.39	3 mg/dL	-0.23	0.09
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	76	5.35	9.74	0.52	5.2 g/dL	-0.29	0.12
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	82	3.31	11.38	0.38	3.4 g/dL	0.24	0.08
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	78	4.62	12.92	0.60	4.9 mg/dL	0.47	0.14
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	76	110.16	9.77	10.76	110.7 mg/dL	0.05	2.47
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	69	101.00	13.88	14.02	114.9 mg/dL	0.99	3.38

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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CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name **HITECH DIAGNOSTIC CENTER** Lab No **16482**
Constituent Group **Chemistry II** Date of Result Entered : **18/02/2023**
PT item **Lyophilized Serum** Date of Report Published : **08/03/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	CPC (Turbochem 100 / 240 Prime)	93	115.76	8.16	9.44	112.5 mg/dL	-0.35	1.96
2	UREA II	Urease UV / GLDH II	CPC (Turbochem 100 / 240 Prime)	68	124.42	12.51	15.57	129.9 mg/dL	0.35	3.78
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	CPC (Turbochem 100 / 240 Prime)	68	4.78	12.29	0.59	5.2 mg/dL	0.72	0.14
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	CPC (Turbochem 100 / 240 Prime)	85	1.46	18.17	0.27	1.3 mg/dL	-0.60	0.06
5	T-PROTEIN II	Biuret - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	65	4.68	10.51	0.49	4.2 g/dL	-0.98	0.12
6	ALBUMIN II	BCG - Colorimetric II	CPC (Turbochem 100 / 240 Prime)	86	2.94	12.85	0.38	2.5 g/dL	-1.16	0.08
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	CPC (Turbochem 100 / 240 Prime)	87	6.88	8.31	0.57	7 mg/dL	0.21	0.12
8	CHOLESTROL II	CHOD-PAP II	CPC (Turbochem 100 / 240 Prime)	81	99.90	11.35	11.34	96.1 mg/dL	-0.34	2.52
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	CPC (Turbochem 100 / 240 Prime)	72	85.06	12.26	10.42	78.2 mg/dL	-0.66	2.46

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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