



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name DISTRICT JP HOSPITAL BHOPAL
Constituent Group Chemistry I
PT Item Lyophilized Serum

Lab No 7791
Date of Result Entered : 17/08/2022
Date of Report Published : 05/09/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	329	186.51	6.04	11.27	200.56 mg/dL	1.25	1.24
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	188	62.47	9.99	6.24	72.08 mg/dL	1.54	0.91
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	228	2.55	9.84	0.25	2.84 mg/dL	1.16	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	276	3.62	11.20	0.41	4.29 mg/dL	1.65	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	313	6.01	7.27	0.44	5.98 g/dL	-0.07	0.05
6	CALCIUM	Arsenazo III	Biosystems	215	11.48	8.22	0.94	11.93 mg/dL	0.48	0.13
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	115	4.99	11.03	0.55	5.33 mg/dL	0.62	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	296	5.88	8.11	0.48	5.35 mg/dL	-1.11	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	307	121.55	5.84	7.10	135.36 mg/dL	1.95	0.81
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	210	28.70	14.21	4.08	29.04 mg/dL	0.08	0.56
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	139.51	3.22	4.49	133.04 mmol/L	-1.44	0.28
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1065	4.59	5.63	0.26	4.4 mmol/L	-0.74	0.02
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	869	102.65	4.14	4.25	102.76 mmol/L	0.03	0.29
14	ALP	PNP AMP kinetic	Biosystems	290	106.89	12.60	13.47	119.12 U/L	0.91	1.58
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	192	46.98	18.77	8.82	42.75 U/L	-0.48	1.27
16	IRON	Ferro Zine (No Protein Removal)	Biosystems	59	92.48	9.25	8.56	98.22 ug/dL	0.67	2.23

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 :
DISTRICT JP HOSPITAL BHOPAL
CENTRAL PROCESSING LAB, TULSHI NAGAR
BHOPAL
MADHYA PRADESH 462004

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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 - SEPTEMBER 2022



PC-1024

Lab Name DISTRICT JP HOSPITAL BHOPAL

Lab No 7791

Constituent Group Chemistry I

Date of Result Entered : 10/09/2022

PT item Lyophilized Serum

Date of Report Published : 05/10/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	319	179.16	5.31	9.51	190.64 mg/dL	1.21	1.06
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	187	95.68	9.74	9.32	76.75 mg/dL	-2.03	1.36
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	244	3.09	9.69	0.30	2.82 mg/dL	-0.90	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	279	2.99	12.46	0.37	2.58 mg/dL	-1.10	0.04
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	324	5.16	6.84	0.35	5.1 g/dL	-0.17	0.04
6	CALCIUM	Arsenazo III	Biosystems	219	9.98	7.81	0.78	9.41 mg/dL	-0.73	0.11
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	125	4.15	11.02	0.46	3.9 mg/dL	-0.55	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	305	7.26	7.78	0.56	7.22 mg/dL	-0.07	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	326	104.95	6.68	7.01	103.64 mg/dL	-0.19	0.78
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	185	26.14	15.05	3.93	20.1 mg/dL	-1.54	0.58
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1087	134.94	3.37	4.54	132.36 mmol/L	-0.57	0.28
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1058	3.14	5.67	0.18	2.9 mmol/L	-1.35	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	919	97.34	4.81	4.68	97.22 mmol/L	-0.03	0.31
14	ALP	PNP AMP kinetic	Biosystems	271	72.93	13.49	9.84	68.34 U/L	-0.47	1.20
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	225	42.86	18.74	8.03	41.29 U/L	-0.20	1.07
16	IRON	Ferro Zine (No Protein Removal)	Biosystems	66	120.31	10.50	12.63	39.27 ug/dL	-6.42	3.11

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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Homogeneity and Stability of the sample is passed.

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CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name DISTRICT JP HOSPITAL BHOPAL

Lab No 7791

Constituent Group Chemistry I

Date of Result Entered : 11/10/2022

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	GOD-POD	Biosystems	299	109.54	6.80	7.45	99.65 mg/dL	-1.33	0.86
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	181	123.59	11.04	13.65	101.01 mg/dL	-1.61	2.03
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	228	7.58	9.72	0.74	8.56 mg/dL	1.33	0.10
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	282	5.48	10.41	0.57	6.37 mg/dL	1.56	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	307	5.54	7.43	0.41	5.19 g/dL	-0.85	0.05
6	CALCIUM	Arsenazo III	Biosystems	213	10.91	8.01	0.87	9.36 mg/dL	-1.77	0.12
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	121	7.15	11.25	0.80	6.11 mg/dL	-1.29	0.15
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	302	6.88	8.65	0.60	5.87 mg/dL	-1.70	0.07
9	CHOLESTEROL	CHOD-PAP	Biosystems	323	110.48	7.23	7.99	111.85 mg/dL	0.17	0.89
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	208	27.55	13.78	3.80	21.31 mg/dL	-1.64	0.53
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1055	130.41	3.40	4.43	123.68 mmol/L	-1.52	0.27
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1086	4.31	5.25	0.23	4.09 mmol/L	-0.97	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	904	97.99	4.49	4.40	95.57 mmol/L	-0.55	0.29
14	ALP	PNP AMP kinetic	Biosystems	284	222.75	12.48	27.80	221.05 U/L	-0.06	3.30
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	179	99.95	14.51	14.50	85.3 U/L	-1.01	2.17
16	IRON	Ferro Zine (No Protein Removal)	Biosystems	59	174.94	9.00	15.74	143.01 ug/dL	-2.03	4.10

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.

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



Lab Name DISTRICT JP HOSPITAL BHOPAL
Constituent Group Chemistry I
PT Item Lyophilized Serum

Lab No 7791
Date of Result Entered : 17/11/2022
Date of Report Published : 06/12/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	330	318.11	5.49	17.46	343.35 mg/dL	1.45	1.92
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	199	57.16	9.19	5.25	44.97 mg/dL	-2.32	0.74
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	244	3.86	9.51	0.37	3.3 mg/dL	-1.53	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	235	1.88	18.25	0.31	1.62 mg/dL	-0.20	0.04
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	297	5.63	6.24	0.35	5.89 g/dL	0.74	0.04
6	CALCIUM	Arsenazo III	Biosystems	202	10.21	7.52	0.77	10.88 mg/dL	0.61	0.11
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	130	4.29	13.05	0.56	4.72 mg/dL	0.77	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	307	9.46	7.79	0.74	10.49 mg/dL	1.40	0.08
9	CHOLESTEROL	CHOD-PAP	Biosystems	327	118.38	7.42	8.78	129.28 mg/dL	1.24	0.97
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	214	28.81	13.65	3.93	22.33 mg/dL	-1.65	0.54
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1072	136.98	3.30	4.53	147.61 mmol/L	2.35	0.28
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1085	5.35	6.56	0.35	6.02 mmol/L	1.91	0.02
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	877	98.38	4.83	4.75	97.51 mmol/L	-0.18	0.32
14	ALP	PNP AMP kinetic	Biosystems	284	151.03	12.24	18.48	165.55 U/L	0.79	2.19
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	231	89.03	21.97	19.56	82.53 U/L	0.18	2.57
16	IRON	Ferro Zine (No Protein Removal)	Biosystems	60	114.47	11.27	12.90	137.8 ug/dL	1.81	3.33

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

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2022



Lab Name DISTRICT JP HOSPITAL BHOPAL Lab No 7791
 Constituent Group HbA1c Date of Result Entered : 17/08/2022
 PT Item Lyophilized Whole blood Date of Report Published : 05/09/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	645	6.20	2.89	0.18	6.1 %	-0.56	0.01

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

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2022



PC-1024

Lab Name DISTRICT JP HOSPITAL BHOPAL Lab No 7791
 Constituent Group HbA1c Date of Result Entered : 10/09/2022
 PT item Lyophilized Whole blood Date of Report Published : 05/10/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	644	5.76	4.13	0.24	5.7 %	-0.25	0.02

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

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



Name: DISTRICT JP HOSPITAL BHOPAL Lab No: 7791
 Constituent Group: HbA1c Date of Result Entered: 17/11/2022
 PT Item: Lyophilized Whole blood Date of Report Published: 06/12/2022

Sl. No.	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	644	7.87	3.44	0.27	7.6 %	-1.00	0.02

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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