



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - MAY 2024



Lab Name SHUKAN HEALTH CARE LLP Lab No 18970  
Constituent Group Chemistry I Date of Result Entered : 16/05/2024  
PT item Lyophilized human serum based Date of Report Published : 30/05/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	285	165.68	3.72	6.16	175 mg/dL	1.51	0.73
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	280	100.91	3.59	3.63	106.8 mg/dL	1.62	0.43
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	286	3.99	3.96	0.16	4.1 mg/dL	0.70	0.02
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	281	3.70	7.06	0.26	3.7 mg/dL	0.00	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	4.90	3.33	0.16	5.1 g/dL	1.23	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	290	2.84	4.36	0.12	2.8 g/dL	-0.32	0.01
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	8.82	3.66	0.32	9.2 mg/dL	1.18	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	210	4.50	4.55	0.20	4.7 mg/dL	0.98	0.03
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	279	5.40	3.24	0.18	6.2 mg/dL	4.57	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	260	94.07	4.91	4.62	95 mg/dL	0.20	0.57
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	264	197.25	4.46	8.80	211 mg/dL	1.56	1.08
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	254	20.64	6.45	1.33	22 mg/dL	1.02	0.17
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	241	132.99	2.69	3.58	139 mmol/L	1.68	0.46
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	242	4.97	2.80	0.14	5.3 mmol/L	2.37	0.02
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	206	98.75	2.73	2.69	103 mmol/L	1.58	0.38
16	BICARBONATE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	37	19.82	8.46	1.68	21 mmol/L	0.70	0.55
17	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	72.64	6.40	4.65	84 U/L	2.45	0.54
18	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	257	122.27	10.14	12.40	151 U/L	2.32	1.55

19	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	88.71	8.44	7.48	101 U/L	1.64	0.88
20	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	140	69.59	8.72	6.07	157 U/L	14.4	1.03
21	IRON	Dry Chemistry I	Ortho Clinical Diagnostics / Fuji - Dry Chemistry Series	101	109.76	8.69	9.54	97 ug/dL	-1.34	1.90
22	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	125	1.94	5.16	0.10	1.6 mg/dL	-3.40	0.02

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (action Signal)

## LAB ADDRESS :

SHUKAN HEALTH CARE LLP

SHREE AVENUE, GROUND FLOOR, OPP MAHAKALI TEMPLE VIP ROAD, KARELIBAUG

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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 \*\*\*\*\*



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MONTHLY SUMMARY REPORT - MAY 2024



PC-1024

Lab Name	SHUKAN HEALTH CARE LLP	Lab No	18970
Constituent Group	HbA1c	Date of Result Entered :	16/05/2024
PT item	Lyophilized human whole blood based	Date of Report Published :	30/05/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	HPLC-Ion Exchange	Any Analyser	209	5.77	9.65	0.56	5.8 %	0.05	0.08

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (action Signal)

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Coordinator Contact Details:  
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*Pamela Christudoss*  
Dr. Pamela Christudoss  
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\*\*\*\*\* End of Report \*\*\*\*\*