



CHRISTIAN MEDICAL COLLEGE  
DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
All Analyser Summary Report - December 2023



Lab Name	LUPIN DIAGNOSITCS RRL HYDERABAD	Lab No	18894
Constituent Group	Chemistry I	Date of Result Entered	18/12/2023
PT item	Lyophilized human serum based	Date of Report Published	02/01/2024

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	307	189.59	4.07	7.71	209 mg/dL	2.52	0.88
			Fuji Dry Chemistry series	51	194.23	5.01	9.73		2.72	
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	315	112.07	3.77	4.22	113.4 mg/dL	0.32	0.48
			Fuji Dry Chemistry series	55	116.33	4.62	5.37		1.45	
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	314	7.42	4.79	0.36	7.4 mg/dL	-0.06	0.04
			Fuji Dry Chemistry series	59	8.29	6.67	0.55		0.14	
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	1.91	8.50	0.16	1.9 mg/dL	-0.06	0.02
			Fuji Dry Chemistry series	64	1.96	7.82	0.15		0.04	
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry	310	5.17	3.42	0.18	4.7 g/dL	-2.66	0.02

			Chemistry Series							
			Fuji Dry Chemistry series	62	5.27	3.34	0.18			0.04
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	313	3.04	6.25	0.19	2.9 g/dL	-0.74	0.02
			Fuji Dry Chemistry series	60	3.24	5.31	0.17			0.04
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	10.01	3.29	0.33	9.7 mg/dL	-0.94	0.04
			Fuji Dry Chemistry series	76	9.74	5.12	0.50			0.11
8	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	306	6.50	3.08	0.20	6.2 mg/dL	-1.50	0.02
			Fuji Dry Chemistry series	69	7.08	4.60	0.33			0.08
9	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	289	113.30	5.28	5.98	119 mg/dL	0.95	0.70
			Fuji Dry Chemistry series	62	119.25	6.64	7.92			2.01
10	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	290	135.75	5.53	7.51	145 mg/dL	1.23	0.88
			Fuji Dry Chemistry series	56	124.95	6.05	7.56			2.02
11	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	282	21.90	6.81	1.49	23 mg/dL	0.74	0.18

			Fuji Dry Chemistry series	62	22.12	6.66	1.47			0.37
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	247	131.44	2.80	3.68	132 mmol/L	0.15	0.47
			Fuji Dry Chemistry series	77	134.62	2.36	3.17			0.72
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	245	4.89	3.15	0.15	4.9 mmol/L	0.06	0.02
			Fuji Dry Chemistry series	76	4.88	3.30	0.16			0.04
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	207	102.03	2.97	3.03	102 mmol/L	-0.01	0.42
			Fuji Dry Chemistry series	76	98.44	3.09	3.04			0.70
15	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	313	111.40	6.91	7.70	115 U/L	0.47	0.87
			Fuji Dry Chemistry series	62	95.45	6.17	5.89			1.50
16	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	308	58.53	9.58	5.60	69 U/L	1.87	0.64
			Fuji Dry Chemistry series	62	59.68	7.99	4.77			1.21
17	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	315	120.97	9.82	11.88	122 U/L	0.09	1.34
			Fuji Dry Chemistry series	61	196.40	9.89	19.42			4.97

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

## LAB ADDRESS:

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not subcontract any components

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