



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name **LUPIN DIAGNOSTICS**Lab No **16042**Constituent Group **Chemistry I**Date of Result Entered : **15/12/2022**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	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	168.72	4.23	7.14	174 mg/dL	0.74	0.83
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	100.77	3.85	3.88	101.3 mg/dL	0.14	0.45
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	302	3.03	3.83	0.12	3.1 mg/dL	0.60	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.76	8.73	0.24	2.8 mg/dL	0.17	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	302	4.80	4.00	0.19	5 g/dL	1.04	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	301	2.89	5.23	0.15	3.1 g/dL	1.39	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	9.39	4.14	0.39	9.1 mg/dL	-0.75	0.05
8	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	6.31	2.73	0.17	6.6 mg/dL	1.69	0.02
9	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	97.27	5.55	5.40	91 mg/dL	-1.16	0.65
10	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	279	201.94	3.33	6.73	208 mg/dL	0.90	0.81
11	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	274	20.50	6.92	1.42	21 mg/dL	0.35	0.17
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	231	132.89	2.25	2.98	138 mmol/L	1.71	0.39
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	231	3.20	2.97	0.10	3.2 mmol/L	0.00	0.01
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	182	93.54	2.31	2.16	95 mmol/L	0.68	0.32
15	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	75.41	5.79	4.36	74 U/L	-0.32	0.50
16	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	298	96.09	8.23	7.91	96 U/L	-0.01	0.92
17	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	311	60.38	8.66	5.23	58 U/L	-0.46	0.59
18	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	125	42.83	11.04	4.73	36 U/L	-1.44	0.85

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.
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**LAB ADDRESS :****LUPIN DIAGNOSTICS****CAMRI HOSPITAL, BAMCHANDAIPUR, G.T ROAD, GANGPUR,****PURBA BARDHAMAN****WEST BENGAL 713104****Coordinator Contact Details:****Email: [clinqc@cmcvellore.ac.in](mailto: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 \*\*\*\*\***



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<b>Lab Name</b>	<b>LUPIN DIAGNOSTICS</b>	<b>Lab No</b>	<b>16042</b>
<b>Constituent Group</b>	<b>HbA1c</b>	<b>Date of Result Entered :</b>	<b>15/12/2022</b>
<b>PT item</b>	<b>Lyophilized Whole blood</b>	<b>Date of Report Published :</b>	<b>05/01/2023</b>

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Tosoh G8 - HPLC / HPLC-723G8)	141	5.33	5.28	0.28	4.9 %	-1.53	0.05

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 :**

**LUPIN DIAGNOSTICS  
CAMRI HOSPITAL, BAMCHANDAIPUR, G.T ROAD, GANGPUR,  
PURBA BARDHAMAN  
WEST BENGAL 713104**

**Coordinator Contact Details:**  
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Contact Number: 0416-2283102

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

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<b>Lab Name</b>	<b>LUPIN DIAGNOSTICS</b>	<b>Lab No</b>	<b>16042</b>
<b>Constituent Group</b>	<b>Thyroid Hormones &amp; Cortisol</b>	<b>Date of Result Entered :</b>	<b>15/12/2022</b>
<b>PT item</b>	<b>Lyophilized Serum</b>	<b>Date of Report Published :</b>	<b>05/01/2023</b>

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	TOTAL THYROXINE	CLIA-Chemiluminescence immunoassay / CMIA	Any Analyser	280	6.95	12.17	0.85	7.09 ug/dL	0.17	0.10
2	TSH	CLIA-Chemiluminescence immunoassay / CMIA	Any Analyser	345	1.74	10.40	0.18	1.9 uIU/mL	0.88	0.02
3	TOTAL T3	CLIA-Chemiluminescence immunoassay / CMIA	Any Analyser	273	102.14	15.31	15.64	124.5 ng/dL	1.43	1.89

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.

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

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