



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name SHREE DIAGNOSTICS

Lab No 16493

Constituent Group Chemistry I

Date of Result Entered : 18/05/2023

PT item Lyophilized human serum based

Date of Report Published : 05/06/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	957	256.55	5.99	15.38	278.5 mg/dL	1.43	0.99
2	UREA	Urease UV / GLDH	Transasia / Erba	938	78.15	7.38	5.77	67.83 mg/dL	-1.79	0.38
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	466	1.57	10.27	0.16	1.71 mg/dL	0.87	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	973	4.04	9.87	0.40	4.68 mg/dL	1.60	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	950	5.35	7.84	0.42	5.56 g/dL	0.50	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	985	3.17	5.51	0.18	2.9 g/dL	-1.54	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	710	9.56	8.81	0.84	9.65 mg/dL	0.11	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	453	5.67	8.85	0.50	5 mg/dL	-1.33	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	910	8.77	7.20	0.63	11.81 mg/dL	4.83	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	965	104.58	7.53	7.88	112.1 mg/dL	0.95	0.51
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	924	115.34	8.86	10.22	80.91 mg/dL	-3.37	0.67
12	HDL	Precipitation method	Any Analyser (Automation / Semi Automation)	119	26.05	15.54	4.05	23 mg/dL	-0.75	0.74
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1209	134.44	3.09	4.16	138.4 mmol/L	0.95	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1220	3.12	5.73	0.18	3.25 mmol/L	0.73	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1011	98.34	4.20	4.14	101.7 mmol/L	0.81	0.26
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	46	19.91	11.92	2.37	22.6 mmol/L	1.13	0.70
17	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	906	139.68	10.13	14.15	160.9 U/L	1.50	0.94
18	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	907	76.70	15.69	12.04	96.14 U/L	1.62	0.80
19	ALP	PNP AMP kinetic	Transasia / Erba	878	299.55	15.52	46.49	246.5 U/L	-1.14	3.14
20	AMYLASE	CNPG3	Transasia / Erba	465	69.56	17.54	12.20	79.55 U/L	0.82	1.13
21	IRON	Dry Chemistry I	Ortho Clinical Diagnostics / Fuji - Dry Chemistry Series	89	75.53	9.46	7.15	95 ug/dL	2.72	1.52
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	183	2.06	14.47	0.30	1.93 mg/dL	-0.44	0.04

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 :
SHREE DIAGNOSTICS
H-6, OPPOSITE BOWUHOWU COMPLEX, ROAD NO.1
JHUNJHUNU
RAJASTHAN333001

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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

External Quality Assurance Scheme - Print Monthly Summary



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DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name SHREE DIAGNOSTICS Lab No 16493
Constituent Group HbA1c Date of Result Entered : 18/05/2023
PT item Lyophilized human whole blood based Date of Report Published : 05/06/2023

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Boronate Affinity	Any Analyser	41	5.74	10.12	0.58	5.7 %	-0.07	0.18

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 - MAY 2023



Lab Name	SHREE DIAGNOSTICS	Lab No	16493
Constituent Group	Urine (Microalbumin & Protein)	Date of Result Entered :	18/05/2023
PT item	Lyophilized human urine based	Date of Report Published :	05/06/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	UR. MICROALBUMIN	Ur. Immuno Turbidimetric	Any Analyser (Automation / Semi Automation)	99	74.13	18.61	13.80	0.01 mg/L	-5.37	2.77

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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