

KINS CARE & RESEARCH FOUNDATION PVT LTD
(Department of Laboratory Services)

Proficiency Testing Action Report Form

EQAS Provider: *LMC - Nallose*
Cycle/Month: *February 2024*
Sample No: *4531*
Date: *02.02.2024*
Acceptable Criteria: SDI Range

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.

EQAS FINDINGS:

All parameters are within excellent & good range.

CORRECTIVE ACTION:

N/A

COULD THIS ERROR AFFECT PATIENT RESULTS?

Y/N ✓

If yes, state course of action:

Investigated by:

[Signature]

Date: *02/02/2024*

Consultant/Supervisor:

Date: */ /*

[Signature]
DR. INDIRA YOTI SARKAR
CONSULTANT BIOCHEMIST
MBBS, MD (BIOCHEMISTRY)
REG. NO. WBMC 67538

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CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name KINS CARE & RESEARCH FOUNDATION

Lab No 4531

Constituent Group Chemistry I

Date of Result Entered : 20/01/2024

PT item Lyophilized human serum based

Date of Report Published : 06/02/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1085	124.31	6.16	7.66	130 mg/dL	0.74	0.47
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	161	36.78	4.27	1.57	36.6 mg/dL	-0.11	0.25
3	CREATININE	Enzymatic Colorimetric	Beckman AU480/680/5800/DXC700AU	36	1.54	7.66	0.12	1.74 mg/dL	1.69	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Beckman AU480/680/5800/DXC700AU	117	2.43	5.07	0.12	2.46 mg/dL	0.24	0.02
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	164	4.79	3.53	0.17	5.1 g/dL	1.83	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	163	3.08	4.22	0.13	2.97 g/dL	-0.85	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	159	8.82	3.71	0.33	8.5 mg/dL	-0.98	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	128	5.86	5.13	0.30	5.83 mg/dL	-0.10	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	161	4.60	3.72	0.17	4.67 mg/dL	0.41	0.03
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	162	107.68	4.72	5.08	112 mg/dL	0.85	0.80
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	160	143.47	5.15	7.39	147.22 mg/dL	0.51	1.17
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	147	24.51	8.05	1.97	25 mg/dL	0.25	0.33
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	90	137.66	1.92	2.64	139.9 mmol/L	0.85	0.56
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	91	3.37	2.16	0.07	3.39 mmol/L	0.27	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	86	91.03	1.81	1.65	91.1 mmol/L	0.04	0.36
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	157	113.27	5.84	6.62	112.1 U/L	-0.18	1.06
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	156	43.63	9.47	4.13	40.8 U/L	-0.69	0.66
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	154	202.30	8.99	18.19	229 U/L	1.47	2.93
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Beckman AU480/680/5800/DXC700AU	36	59.40	16.97	10.08	51.4 U/L	-0.79	3.36
20	IRON	TPTZ (Tripyridyl-S-triazine)	Beckman AU480/680/5800/DXC700AU	64	83.52	6.71	5.61	83.5 ug/dL	0.00	1.40

u* - Method of Uncertainty

Z-Score	Interpretation
z ≤ 2.0	Acceptable
2.0 < z < 3.0	Warning Signal



CHRISTIAN MEDICAL COLLEGE

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

Lab Name KINS CARE & RESEARCH FOUNDATION

Lab No 4531

Constituent Group HbA1c

Date of Result Entered : 20/01/2024

PT item Lyophilized human whole blood based

Date of Report Published : 06/02/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Beckman AU480/680/5800/DXC700AU	38	5.49	6.49	0.36	5.5 %	0.03	0.12

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 :

KINS CARE & RESEARCH FOUNDATION
 JHANKAR MORE, 1st FLOOR, GOLDEN HEIGHTS BUILDING, BURDWAN ROAD
 SILIGURI
 WEST BENGAL 734005

Coordinator Contact Details:
 Email: 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 *****



CHRISTIAN MEDICAL COLLEGE

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



Lab Name KINS CARE & RESEARCH FOUNDATION

Lab No 4531

Constituent Group Thyroid Hormones & Cortisol

Date of Result Entered : 20/01/2024

PT item Lyophilized human serum based

Date of Report Published : 06/02/2024

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	TOTAL THYROXINE	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	151	14.73	12.29	1.81	13.26 ug/dL	-0.81	0.29
2	FREE THYROXINE	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	123	2.54	11.72	0.30	2.76 ng/dL	0.74	0.05
3	TSH	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	173	15.21	5.63	0.86	14.51 uIU/mL	-0.82	0.13
4	TOTAL T3	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	152	101.36	12.16	12.32	114 ng/dL	1.03	2.00

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 :
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JHANKAR MORE, 1st FLOOR, GOLDEN HEIGHTS BUILDING, BURDWAN ROAD
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WEST BENGAL 734005

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
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CMC EQAS Coordinator
Christian Medical College, Vellore

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