

KINS CARE & RESEARCH FOUNDATION PVT LTD

(Department of Laboratory Services)

Proficiency Testing Action Report Form

EQAS Provider: CME - Valbre
 Cycle/Month: February 2024
 Sample No: 4531
 Date: 06.03.2024
 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 except 'Total Protein.'

CORRECTIVE ACTION:

RCA is attached.

COULD THIS ERROR AFFECT PATIENT RESULTS?
 If yes, state course of action:

Y/N

Investigated by: [Signature] Date: 06/03/2024

Consultant/Supervisor: [Signature] Date: / /

DR. INDEBJYOTI SARKAR
 CONSULTANT BIOCHEMIST
 MBBS, MD (BIOCHEMISTRY)
 REG. NO. WBMC 67538

QUALITY MANAGER
 KINSCARE & RESEARCH FOUNDATION PVT. LTD.
 SILIGURI, DIST. DARJEELING

EQAS CORRECTIVE ACTION FORM

Name of the lab: KURA EQAS Program: _____
Department: Water Army Cycle #: February 2024
Analyte: Total Phosphorus Lab Result: 4.46
Z-score: 3.25 Peer Mean: 5

I. Sample Receipt:

- Was the kit received in good condition? (Yes/No/NA)
- Was the correct program/cycle received? (Yes/No/NA)
- Was the kit stored at the proper temperature following receipt? (Yes/No/NA)

II. Sample Preparation:

- Was the correct reconstitution instruction followed? (Yes/No/NA)
- Was a volumetric Class A (or calibrated) pipette used for reconstitution? (Yes/No/NA)
- Was distilled or deionized water used for reconstitution? (Yes/No/NA)
- Was the sample mixed according to the package insert prior to testing? (Yes/No/NA)

III. Sample Processing:

- Was the correct sample number tested? (Yes/No/NA)
- Was the sample at room temperature? (Yes/No/NA)
- Was the person running the test current in their training? (Yes/No/NA)
- Was the affected test run within the stability claim listed in the package insert? (Yes/No/NA)

IV. Reporting Results:

- Was the test configuration correct (instrument, method and reagent)? (Yes/No/NA)
- Have the results been reported correctly (match instrument print out)? (Yes/No/NA)
- Was the correct unit reported? (Yes/No/NA)
- Was the decimal symbol placed correctly when reported? (Yes/No/NA)
- Was the reported result within the instrument's linear range? (Yes/No/NA)
- Was the calculation of the reported result done correctly? (Yes/No/NA)

V. Internal QC:

- Was IQC within an acceptable range on the day that the EQAS sample was run? (Yes/No/NA)
- Were there any shifts or trends in IQC just before/after the EQAS sample was run?

(Yes/No/NA)

VI. Calibration:

Controlled copy

- Was the last calibration acceptable? ~~(Yes/No/NA)~~
- Was the last calibration within the manufacturers recommended dating? ~~(Yes/No/NA)~~

VII. Reagent:

- Was the test reagent stored correctly? ~~(Yes/No/NA)~~
- Was the test reagent properly prepared? ~~(Yes/No/NA)~~
- Was the test reagent within manufacturer's dating? ~~(Yes/No/NA)~~

VIII. Instrument:

- Was daily maintenance performed on the day that the EQAS sample was run? ~~(Yes/No/NA)~~
- Was the person performing maintenance current on training? ~~(Yes/No/NA)~~
- Was the instrument operating correctly on the day the sample was tested? ~~(Yes/No/NA)~~
- Was the lab environment acceptable for the instrument? ~~(Yes/No/NA)~~

IX. Sample Retest:

- Was the EQAS sample retested following receipt of EQAS sample report? ~~(Yes/No/NA)~~
- If yes, was the result within acceptable limits for the EQAS sample? ~~(Yes/No/NA)~~

X. EQAS Evaluation:

- Inappropriate peer group or comparator ~~(Yes/No/NA)~~
- Inappropriate evaluation criteria, e.g. narrow limits due to use of a precise method or instrument. (Consider use of the Quality Specification Report) ~~(Yes/No/NA)~~

Root Cause of Problem:

Total Positive EQAS results value found out of range due to random errors.

Corrective Actions:

Reagent replaced & QC done
 - were performed.

Reviewed By:

[Signature]
 QUALITY MANAGER
 KWIS CARE & RESEARCH FOUNDATION PVT. LTD.
 SILBURI, DIST. DARJEELING

Controlled copy

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



CHRISTIAN MEDICAL COLLEGE

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



Lab Name: KINS CARE & RESEARCH FOUNDATION
 Constituent Group: Chemistry I
 PT item: Lyophilized human serum based

Lab No: 4531
 Date of Result Entered: 20/02/2024
 Date of Report Published: 05/03/2024

SI.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) Beckman	1176	251.29	4.97	12.48	258 mg/dL	0.54	0.73
2	UREA	Urease UV / GLDH	AU480/680/5800/DXC700AU Beckman	176	64.08	5.03	3.22	64 mg/dL	-0.02	0.49
3	CREATININE	Enzymatic Colorimetric	AU480/680/5800/DXC700AU Beckman	39	5.76	5.80	0.33	5.27 mg/dL	-1.47	0.11
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Beckman AU480/680/5800/DXC700AU	121	3.21	4.73	0.15	3.19 mg/dL	-0.13	0.03
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	169	5.00	3.32	0.17	4.46 g/dL	-3.25	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	173	3.16	3.49	0.11	2.99 g/dL	-1.55	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	168	10.68	3.55	0.38	10.9 mg/dL	0.58	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	130	3.25	6.61	0.22	3.36 mg/dL	0.51	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	168	7.21	4.23	0.30	6.91 mg/dL	-0.98	0.05
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	173	112.23	4.96	5.56	113 mg/dL	0.14	0.85
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	171	187.80	6.49	12.18	162.35 mg/dL	-2.09	1.86
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	158	25.43	5.54	1.41	26 mg/dL	0.40	0.22
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	99	129.43	1.29	1.67	131.7 mmol/L	1.36	0.34
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	99	5.00	1.78	0.09	5.09 mmol/L	1.01	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	94	94.27	2.04	1.93	94 mmol/L	-0.14	0.40
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	167	76.08	5.76	4.38	79.2 U/L	0.71	0.68
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	165	96.88	6.56	6.35	96.7 U/L	-0.03	0.99
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	163	90.94	9.63	8.75	82 U/L	-1.02	1.37
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Beckman AU480/680/5800/DXC700AU	41	68.11	16.08	10.95	50.6 U/L	-1.60	3.42
20	IRON	TPTZ (Tripyridyl-S-triazine)	Beckman AU480/680/5800/DXC700AU	66	119.50	5.99	7.16	109.6 ug/dL	-1.38	1.76

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal

u* - Method of Uncertainty



CHRISTIAN MEDICAL COLLEGE

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



Lab Name KINS CARE & RESEARCH FOUNDATION

Lab No 4531

Constituent Group HbA1c

Date of Result Entered : 20/02/2024

PT item Lyophilized human whole blood based

Date of Report Published : 05/03/2024

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	39	6.90	7.23	0.50	6.8 %	-0.20	0.16

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 - FEBRUARY 2024



Lab Name: KINS CARE & RESEARCH FOUNDATION
 Constituent Group: Thyroid Hormones & Cortisol
 PT item: Lyophilized human serum based

Lab No: 4531
 Date of Result Entered: 20/02/2024
 Date of Report Published: 05/03/2024

Sl.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	169	10.51	15.76	1.66	13.13 ug/dL	1.58	0.25
2	FREE THYROXINE	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	140	2.79	10.62	0.30	2.86 ng/dL	0.24	0.05
3	TSH	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	190	10.85	6.39	0.69	10.6 uIU/mL	-0.36	0.10
4	TOTAL T3	CLIA-Chemiluminescence immunoassay / CMIA	Beckman Acces2, Acces2I, DXI600, DXI800	159	137.74	11.05	15.22	127 ng/dL	-0.71	2.41

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 *****