

P.H Medical Centre

MONTHLY CLINICAL CHEMISTRY

CYCLE 20 SAMPLE I

Explanation of codes used in this report

R - Results removed due to reconstitution error
N - No result returned
C - Result corrected

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: I

Issue Date: 08/02/2023

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RIQAS 



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
Albumin	2.905	2.800	-0.66	-0.04	-3.6	-0.2	90	113	
Alkaline Phosphatase	355.623	334.000	-0.54	-0.92	-6.1	-10.4	98	77	
ALT (GPT)	139.031	138.000	-0.08	-0.23	-0.7	-2.1	120	111	
AST (GOT)	144.345	139.000	-0.41	-0.53	-3.7	-4.8	110	101	
Bilirubin, Direct	1.696	1.700	0.01	0.18	0.2	2.9	120	114	
Bilirubin, Total	5.240	4.900	-0.67	-0.09	-6.5	-0.8	89	108	
Calcium	12.281	11.700	-0.94	-0.67	-4.7	-3.4	74	79	
Chloride	114.948	113.000	-0.61	-0.82	-1.7	-2.3	93	83	
Cholesterol	286.417	280.000	-0.43	-0.26	-2.2	-1.3	108	102	
CK, Total	547.326	518.000	-0.73	-1.19	-5.4	-8.7	85	67	
Creatinine	4.598	4.700	0.29	0.07	2.2	0.6	120	98	
GGT	161.085	145.000	-0.92	-0.66	-10.0	-7.2	75	81	
Glucose	280.434	278.000	-0.17	-0.33	-0.9	-1.7	120	110	
HDL-Cholesterol	96.466	98.000	0.12	0.07	1.6	0.9	120	120	
Phosphate, Inorganic	6.755	6.700	-0.14	-0.21	-0.8	-1.2	120	105	
Potassium	6.159	5.900	-1.24	-0.64	-4.2	-2.2	62	86	
Protein, Total	4.679	5.200	2.11	-0.05	11.1	-0.3	39	95	▲
PSA, Total	14.502	14.800	0.14	0.08	2.1	1.2	120	113	
Sodium	158.349	157.000	-0.39	-0.03	-0.9	-0.1	113	101	
Free T3	7.840	7.700	-0.17	-0.20	-1.8	-2.1	120	101	
Total T3	186.612	197.100	0.36	0.14	5.6	2.1	116	117	
Free T4	3.653	3.200	-1.01	1.10	-12.4	13.9	71	83	
Total T4	18.041	18.800	0.34	0.47	4.2	5.8	119	103	
Trig Total	260.833	255.000	-0.24	-0.15	-2.2	-1.4	120	115	
TSH	1.009	0.900	-0.74	-0.41	-10.8	-5.9	84	103	
Urea	119.912	119.800	-0.01	-0.94	-0.1	-7.1	120	90	
Uric Acid (Urate)	9.453	9.300	-0.25	-0.08	-1.6	-0.5	120	101	

ORMSDI -0.23

ORM%DEV -1.3

ORMTS 99

Total Protein shows outlier.
 Run RIQAS TP sample.

Dev %

TP-
$$\frac{\text{Your Result} - \text{mean Comp}}{\text{Mean Comp}} = \text{SDI}$$

$$\frac{4.2 - 4.6}{11.45} = \boxed{0.03}$$

$$\frac{\text{Your Result} - \text{Mean Comp}}{\text{Mean Comp}} \times 100$$

$$\frac{4.2 - 4.6}{4.6} \times 100 = \boxed{-8.6}$$

Aman Kaur

END OF REPORT

RIQAS Run Sample
Total Protein

RESULTS LIST REPORT (RELEASED)

Operator ID: Admin

SN: SCM05357

Site:

Software Version: 3.4.0

System Name: Alinity ci-series

Module	R/P	SID	Name	Assay	Result	Interpretation	Flags	Code	Time
1	G8433/1	Riqas jan 23		Total Prot	4.2 g/dL		LOW		10.02.2023 02:09 PM

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

Signature: _____ Date: _____



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name	P.H. MEDICAL CENTRE	Lab No	4521
Constituent Group	HbA1c	Date of Result Entered :	18/01/2023
PT item	Lyophilized Whole blood	Date of Report Published :	09/02/2023

Sl No	Analyte	Method / Principle	Analyser Name	No. of Participants	CV	Participants CV	SD	Mean Value	SD	CV
1	HbA1c	Enzymatic	Abbott	9	3.90	7.61	0.30	4 %	0.34	0.20

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 :

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 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 *****