



## LAB MONTHLY SUMMARY

Lab Name **QUALITYCARE DIAGNOSTICS CENTRE** Lab No **2588**  
 Month **December** Year **2020**  
 Constituent Group **Chemistry I**

Date of Result Entered : 15/12/2020

Date of Report Published : 31/12/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser	691	143.49	8.75	12.55	447 mg/dl	24.18	0.96
2	UREA	Urease UV / GLDH	Any Analyser	529	82.12	11.08	9.10	60 mg/dl	-2.43	0.79
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser	350	4.17	10.29	0.43	6.1 mg/dl	4.49	0.05
4	T-PROTEIN	Biuret - Colorimetric	Any Analyser	624	4.82	10.13	0.49	4.7 g/dl	-0.25	0.04
5	ALBUMIN	BCG - colorimetric	Any Analyser	611	3.00	10.17	0.30	3.1 g/dl	0.33	0.02
6	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser	535	3.77	19.60	0.74	4.2 mg/dl	0.58	0.06
7	CHOLESTEROL	CHOD-PAP	Any Analyser	636	99.99	9.06	9.06	105 mg/dl	0.55	0.72
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	576	107.95	13.12	14.16	200 mg/dl	6.5	1.18
9	SODIUM	ISE - Indirect	Any Analyser	975	120.47	4.01	4.83	142.5 mmol/L	4.56	0.31
10	POTASSIUM	ISE - Indirect	Any Analyser	958	5.76	7.38	0.42	3.9 mmol/L	-4.38	0.03
11	CHLORIDE	ISE - Indirect	Any Analyser	707	90.72	5.45	4.94	106 mmol/L	3.09	0.37
12	AST	UV kinetic without PLP ( P-5-P )	Any Analyser	322	157.60	11.35	17.89	124 U/L	-1.88	1.99
13	ALT	UV kinetic without PLP ( P-5-P )	Any Analyser	298	146.04	15.39	22.48	95 U/L	-2.27	2.60
14	ALP	PNP DEA kinetic	Any Analyser	77	99.93	17.93	17.91	129 U/L	1.62	4.08
15	AMYLASE	CNPG3	Any Analyser	627	46.74	20.79	9.72	60.3 U/L	1.40	0.78

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between $\pm 1.0$ to $\pm 2.0$	Good.
Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential  
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*Pamela Christudoss*

Dr. Pamela Christudoss  
 CMC EQAS Co-Ordinator  
 Christian Medical College, Vellore

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



QUALITY CARE DIAGNOSTIC CENTRE, THENI

EQA CORRECTIVE ACTION FORM

Name of the department : BIOCHEMISTRY  
EQA Programme Name : CMC – VELLORE; EQAS PROGRAMME  
Cycle / Sample No. : CHEMISTRY – I  
Month and year : DECEMBER - 2020  
Nature of Nonconformance :

Glucose, creatinine, triglycerides, electrolytes parameters were in action signal.

Root Cause :

RANDOM ERROR. IQC done successfully and found to satisfactory

Corrective and Preventive action taken:

As per the suggestion by NABL team and consultants, we planned to place new biochemistry instruments (fully automated) and also we planned to check lab mean to improve our laboratory quality and patient care.

*R. H. D. Sule*

Done By:



Review during the next EQAS / Effectiveness of Corrective Action:

NEXT MONTH, EQAS PROGRAMME SHOULD BE MONITORED ACCORDINGLY

*R. H. D. Sule*

Done By:

Approved By:

*[Handwritten Signature]*

QCDC/LAB/GL/EQA-CAF, Ver 1.0